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SEED LABORATORY.

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1900 Annual
Illustrated
Catalogue
of

SEEDS



A. TILTON
& SON.

85-87 WOODLAND AVE.,
CLEVELAND, O.

TILTON'S FINE MIXED LAWN GRASS SEED.

It is PURE, CLEAN, HEAVY.

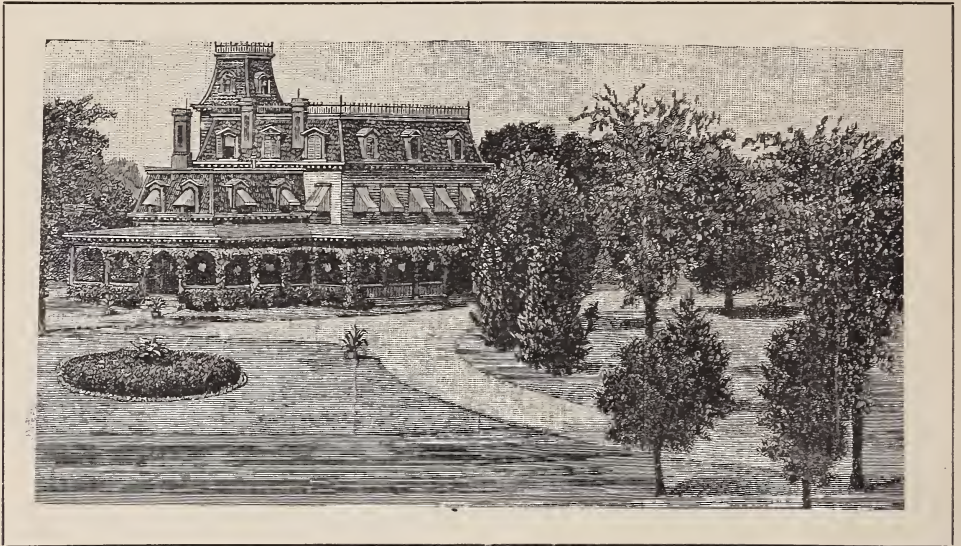


With it You can Make a Handsome Lawn in a Few Weeks Time.

Will insure a close, velvety turf, maintaining its beautiful deep green color throughout the season.

A Good Well-kept Lawn is one of the most pleasing features about a home, and a source of great pride to the possessor, while a poor one is the cause of constant annoyance and expense.

To Obtain a Beautiful Lawn one must be particular, first, in the selection of seed; second, in the preparation of the soil. In fitting the ground for a lawn, care should be taken to have the work done in a thorough manner, as in that condition it will last for years; but if slighted in the beginning, may result in partial or complete failure. The soil should be properly drained, if necessary, thoroughly spaded and raked, making the surface as fine and smooth as possible, applying at the same time a liberal quantity of well rotted manure, fine ground bone, or Bowker's Lawn and Garden Dressing. After the seed has been sown the ground should be raked or rolled lightly to cover it. If sown in the spring, sow as early as possible, the earlier the better if the soil is in good condition. If sown in the fall, sow before autumn rains have ceased, and before very cold weather. When the grass becomes established it should be frequently cut. The oftener it is mown the finer and softer the turf becomes. Frequent rolling is also indispensable to maintain the sod in good order. By these means a velvety green lawn will be obtained.



Old Lawns may be improved and greatly benefited if, as early in the spring as convenient, they are carefully raked so as to remove the dead grass and old leaves that may have collected, a liberal quantity of seed sown over the bare spots and thin places, and then thoroughly rolled or tamped with the back of a spade.

A Word About Seed. No one kind of grass will produce a lawn that will retain its verdure throughout the season, but a mixture of several is essential, as some varieties are more luxuriant in the spring, others in the summer, and still others in the autumn, and a proper combination of these various sorts is required to create and maintain a permanent lawn.

Tilton's Fine Mixed Lawn Grass Seed is composed exclusively of the very best varieties of grass, such as are best adapted to produce a compact, velvety sod; it contains no annual grasses for making a quick show to the detriment of a good lawn, but only those of lasting value and hardness, which, when once established, produce a dwarf, thick turf that needs no reseeding for years. In the preparation of it we use only the choicest grades of seed--thoroughly re-cleaned and free from weeds or foreign seed. It has been used on many of the finest private grounds, whose lawns are models of perfection, and on the parks and boulevards of Cleveland for several seasons past, where its merits were thoroughly tested in comparison with many other mixtures.

Quantity Required for making new lawns is five bushels per acre, or for renovating old lawns, from one to three bushels. Do not be sparing of the seed if best results are desired. One pound will seed a plot 15 x 20 feet, or 300 square feet; one-half the quantity is required for renovation. Many lawn grass mixtures do not average over 14 pounds per bushel. This mixture weighs 20 to 21 pounds per measured bushel.

PRICE: PER LB., 25c.; 5 LBS., \$1.00; 18 LBS. FOR \$3.00.

For Lawn Fertilizers, see page 43.

FULL INSTRUCTIONS HOW TO MAKE A LAWN ON EVERY PACKAGE

If by Mail add 5c. per lb. for postage.

General Directions to Purchasers.

READ CAREFULLY BEFORE ORDERING.

Our Terms are **STRICTLY CASH.** Remittances should accompany all orders.

At prices given in this catalogue, we deliver postpaid, Vegetable and Flower Seeds in packets, ounces and quarter pounds. On all seeds by weight where quantity exceeds that above mentioned, 8 cents per pound must be added for payment of postage or express charges. Rates of postage on Bulbs and Plants will be found under their respective headings.

Remittances may be made either in the form of Express Money Order, Postoffice Money Order, Bank Draft or Registered Letter. Postage Stamps will be found a convenient method of remitting small amounts and can be used by us to advantage. If goods are wanted C. O. D., 25 per cent. of the amount must accompany the order. Be sure to sign your name and give your address; also mention the mode of transportation you prefer, whether by Mail, Express, or Freight.

Safe Arrival is Guaranteed on all goods sent by Express to any part of the United States.

Special Low Rates are now made by express companies on small packages of seeds, plants and bulbs, and customers will therefore find these reduced express rates almost as cheap as freight on small quantities.

We make no Charge for Packing, or for delivery to depots, boats or express offices in Cleveland. Bags are charged at value.

Warrants. There are hundreds of contingencies continually arising to prevent the best seeds always giving satisfaction, and for this reason we wish to state explicitly that while we have used the greatest care in selecting our stock, to have it true to name, pure and reliable, our seeds are sold without any warranty expressed or implied, and without any responsibility in respect to the crop. If our goods are not accepted on these terms, they must be returned at once, and the money that has been paid for same will be refunded.

A. TILTON & SON,

Special Rates on Seeds in Packets.

- This offer is by mail, postage paid by us, to any post office in the United States. Purchasers may make selections of seeds in packets at the following liberal discounts: For 25 cents select Flower or Vegetable Seeds to the amount of 30 cents.

" 50 "	" "	" "	" "	" "	" "	" "	" "	65 "
" \$1.00 "	" "	" "	" "	" "	" "	" "	" "	\$1.30
" 2.00 "	" "	" "	" "	" "	" "	" "	" "	2.70
" 3.00 "	" "	" "	" "	" "	" "	" "	" "	4.00
" 4.00 "	" "	" "	" "	" "	" "	" "	" "	5.60
" 5.00 "	" "	" "	" "	" "	" "	" "	" "	7.00

Please Remember That these discounts apply only to Vegetable and Flower Seeds in packets, and not to Seeds by the Ounce, Pound, Pint or Quart, or to special collections.

Novelties and Specialties in Vegetables for 1900.

BURPEE'S STRINGLESS GREEN POD BEAN.

This valuable variety, which is of recent introduction, has proven to be **far superior to any other green-podded bean grown.** Without any exception it surpasses all others in crisp tender flavor. **The pods are absolutely stringless,** and are ready to market **two weeks earlier** than the Improved Early Red Valentine, which has been a favorite market sort for many years. The pods, which are produced in abundance on the vines, are long, fleshy, perfectly round and very meaty; the color is a beautiful shade of pale green; remain tender and crisp much longer after maturity than any other variety.

Too much cannot be said in favor of this most excellent bean; it is of immense value, not only to the market gardener and canner who plants for profit, but also to the amateur who seeks finest quality for the home table.

Our stock, although limited, is strictly pure, and can be relied upon by all who plant it.

Per pkt., 5c.; qt., 35c.; 2 qts., 60c.; pk., \$2.00, bu., \$7.50.

CROSBY'S IMPROVED EGYPTIAN BEET.

A Superior Strain of the well-known Early Egyptian.

The result of years of careful selection, by a noted eastern market gardener.

Retains the earliness of the parent stock and is the best beet for forcing or for first-sowing outside. Desirable for small beets for forcing or for early market, as it assumes its turnip shape in the early stages of growth, and on this account is preferable to other varieties requiring a longer time to attain a marketable shape and size.

Is of handsome form, not so flat as the ordinary Egyptian nor as round as the Early Eclipse; of good size, fine quality, dark blood red color.

with very small tap root and few small tops. Of very rapid growth, and may be sown outside as late as July. Per pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.



CROSBY'S IMPROVED EGYPTIAN



Detroit Dark Red Turnip Beet.

COLUMBIA BEET.

A distinct new Beet of handsome turnip shape, with smooth, clear skin and deep blood red flesh. It grows as quickly as the Egyptian, and does not become coarse and stringy when grown to a large size. Very even in growth, and of excellent quality. The foliage is small, and of dark bronze red color. A splendid variety for winter, grown from seed in July. Per pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

DETROIT DARK RED TURNIP BEET.

One of the best dark red turnip beets in cultivation. Has become a great favorite with market gardeners, and for the home garden there is none better. It is very handsome, of perfect form, and beautiful, deep bright red color, crisp, tender and sweet. Its small upright-growing tops, early maturing, and the splendid shape and color of the roots, make it popular with everyone who plants it. Remains a long time in condition for use. Recognized as a great improvement in turnip-shaped beets for table use. Per pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

SUPERIOR CABBAGES.

Charleston Wakefield. The Largest and best "First" Early Cabbage.

A selection from one of the best stocks of "Wakefield." The heads average about 50 per cent. larger in size than the old type, and mature but a few days later. Per pkt., 5c.; oz., 30c.; two ozs., 50c.; ¼ lb., 90c.; lb., \$3.25.

Burpee's All-Head Early.

Being at least a week earlier and fully one-third larger than any of the various strains of Early Summer Cabbage. It is also valuable for late or winter cabbage. The heads are deep, flat, remarkably solid and uniform in color as well as in shape and size. Per pkt., 5c.; oz., 25c.; two ozs., 40c.; ¼ lb., 65c.; lb., \$2.25.

The earliest of all large Cabbage.

All Seasons. The best Summer Cabbage.

One of the best main crop sorts in existence. Remarkable for its ability to stand the hot sun and dry weather. Makes large, solid heads; sure heading. Per pkt., 5c.; oz., 25c.; two ozs., 40c.; ¼ lb., 65c.; lb., \$2.25.

A New Winter Cabbage,

"The Lupton."

An Excellent Main Crop Cabbage.

Combines the good qualities of the best second early varieties with that of long keeping. It is earlier than most winter sorts, and fully as large. Heads are very solid, with few loose leaves, and do not crack open when mature, as a great many late cabbages do; stalk rather short; color dark green. One of the best keepers, and comes out in the spring bright and fresh. Per pkt., 5c.; oz., 25c.; two ozs., 40c.; ¼ lb., 75c.; lb., \$2.50.



The Lupton Cabbage.



HOLLAND CABBAGE.

The best variety for late Spring use.

The hardest heading, finest grained and best keeper of any cabbage grown. Distinct from all others.

Medium sized round heads, remarkably solid, fine quality, white, crisp and tender.

Remarkable for its keeping qualities when buried over winter, the heads being as solid and perfect when taken up in the spring as when they were put away in the fall. The best cabbage for storing during the winter, as it commands higher prices in all markets than any other, during the spring months. The plant is vigorous, rather compact growing, and exceedingly hardy, resisting cold and dry weather and succeeds better in poor soil than most American sorts. Per pkt. 5c.; oz., 25c.; 2 ozs., 40c.; ¼ lb., 75c.; lb., \$2.50.

❁❁ SWEET CORN. ❁❁

MAMMOTH WHITE CORY.

The Largest and Best Extra Early Sweet Corn.

Large, handsome, twelve-rowed ears, white cob, and large white grain. The stalks are no longer than those of the White Cob Cory, but each stalk furnishes two or more large, fine-shaped ears, which are marketable before those of any other sort. Per pkt., 5c.; qt., 20c.; two qts., 35c.; 4 qts., 40c.; bu., \$3.00.

KENDEL'S EARLY GIANT.

A favorite variety for truckers. Surpasses any other extra early Sweet Corn in size.

The ears grow to a large size, measuring eight to ten inches long, and have 10 to 18 rows on each cob, the majority having 12 rows. Kernels white, sweet and tender. It comes into use with the standard early sorts, with ears twice as large as the Cory. Market gardeners are enthusiastic over the earliness, large size and productiveness of this variety, and this, with the largely increased demand for it, give proof of its value as a first early corn for market. Per pkt., 5c.; qt., 20c.; 2 qts., 35c.; 4 qts., 40c.; bu., \$3.00.

EARLY CHAMPION.

Early. Large ears. Pure white. A splendid variety for market or home use. Mammoth White Cory.

It ripens a few days later than Cory, with an ear larger than Concord. It is 10 to 12 rowed, with medium sized white cob, pure white kernels, which are tender and sweet, its earliness and large size make it a most desirable variety for market gardeners as well as for the home garden.

It is becoming a leader among the early sorts, and we do not hesitate to recommend it as one of the best. Per pkt., 5c.; qt., 20c.; 2 qts., 35c.; 4 qts., 40c.; bu., \$3.00



TILTON'S TWELVE-ROWED.

AN EXCELLENT VARIETY OF OUR OWN INTRODUCTION.

The best Medium Early or Main Crop Corn.
Superior in every respect.

As a variety to plant for profit it is unsurpassed on account of its productiveness, while for home garden use its excellent quality commends it to all. It is not a mammoth sort, but a strong, vigorous grower, of medium height, producing from three to four good sized, marketable ears to a stalk. The ears are of handsome shape, well filled to the tip, 12-rowed, rows evenly set on the cob. The grain is pure white, of delicious quality, sweet, rich and tender.

We recommend it to the market gardener as the best variety for market purposes, and for the home garden as one of the most desirable varieties offered. Per pkt., 5c.; qt., 25c.; 2 qts., 40c.; 4 qts., 60c.; bu., \$4.00.



Tilton's Twelve-Rowed.

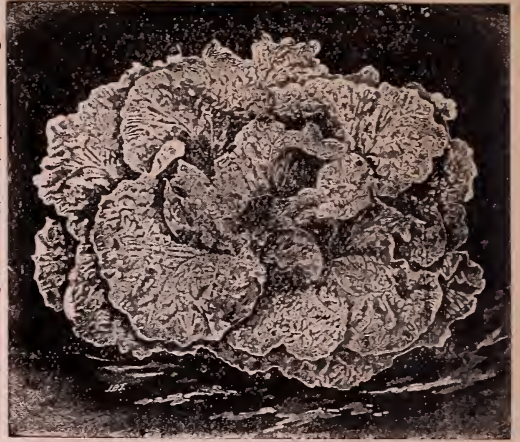


Early Champion.

Golden Beauty Lettuce.

One of the Finest Sorts ever added to the list of Lettuces.

Introduced by us in 1892, and from the thorough trials accorded it has given pronounced satisfaction everywhere. It is not only the best lettuce for forcing under glass in greenhouse or hot-bed, but is equally valuable for growing in cold frames or open ground. In its bright golden color, crispness and good keeping qualities, it stands unapproached by any other variety. It forms a large central cluster of thick, slightly ruffled leaves, that make almost a head, blanching thoroughly, and in flavor unsurpassed. Per pkt. 5c.; oz., 25c.; two ozs., 40c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



Golden Beauty Lettuce.—From a Photo.

Tilton's White Star Lettuce.

A Grand Variety of our own Introduction.

Is recognized throughout the entire country as the most valuable sort for forcing and early out-door planting. Its favorable characteristics have made it a standard variety.

**Enormous in Production! Rapid in Growth!
Large Loose Heads!**



Tilton's White Star Lettuce. lb. \$1.25.

A distinct variety, and a universal favorite with market gardeners. It forms a large loose head of light colored, savoyed leaves. Blanches well and is of excellent quality. It is a superior variety for shipping, as its thick green leaves retain a fresh appearance longer than any other variety. Per pkt. 5c.; oz. 15c.; two ozs. 25c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25.



"Rocky Ford" Musk Melon.

"Rocky Ford" Musk Melon.

Unsurpassed in Quality.

This valuable variety derives its name from Rocky Ford, Col., where hundreds of carloads of it are shipped into the northern markets each season. It is safe to say that no melon has ever come into our markets which has sold so readily and at such high prices as "Rocky Ford." The vines are exceedingly healthy and vigorous, and bear an enormous quantity of fruit during the entire season. The melons are of handsome appearance, fine flavor and solidity, the latter feature making it unequalled as a shipper.

Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Paul Rose Musk Melon



A New Red-Fleshed Melon. It is a successful cross of the Osage and Netted Gem, and combines the sweetness of the former with the fine netting of the Gem. It has a firmness of rind and solid structure of flesh peculiarly its own, and is superior in these respects to any melon in existence. Of oblong shape, ribbed and netted; beautiful salmon colored flesh, and with exceedingly small seed cavity; the melons are of uniform shape and size, about five inches in diameter, and average $1\frac{1}{2}$ lbs. each. As a shipping melon it surpasses all other red-fleshed sorts. It is a profitable variety for the market gardener, as it is from ten days to two weeks earlier than the Osage; as a melon for the home table, nothing better could be desired or obtained. Per pkt. 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

PEAS: A COLLECTION OF FIVE GRAND VARIETIES. The Best for the Market or Home Garden.

Nott's Excelsior. A Popular New Variety. The Best Extra Early Dwarf Wrinkled Pea.

EARLY, VIGOROUS, PRODUCTIVE.

Surpassing in earliness, yield and quality. The vines are larger and more vigorous than American Wonder, of even, regular growth, about fifteen inches high. Pods are fully one-third larger than any other dwarf, wrinkled variety, and contain from six to eight fine large peas, which in sweetness and quality are superior. A most desirable sort for the market gardener and unsurpassed for the home garden. Per pkt., 5c.; qt., 25c.; 2 qts., 40c.; pk., \$1.25; bu., \$4.50

GRADUS. Sometimes called "PROSPERITY."

The most Attractive Novelty of Recent Years.

Without doubt the finest extra early Pea yet introduced As early as the earliest smooth varieties, with pods as large as Telephone.

It combines the finest quality with extreme earliness. Is very hardy, and can be planted fully as early as the smooth peas.

Very quick to germinate and push to maturity.

Grows vigorous and healthy; vines 2½ feet in height; very productive, bearing long straight pods, slightly rounded at the point, usually containing 6 to 8 fine large peas of a beautiful deep green color, which they retain after being cooked; the quality and flavor is delicious and the peas remain tender and sweet for a long time.

This grand new pea is certain to become a great favorite with both the market gardener and amateur wherever grown. Per pkt., 5c.; qt., 35c.; 2 qts., 60c.; pk., \$2.00.

TILTON'S CLEVELAND MARKET.

Intermediate, Wrinkled, Semi-Dwarf. Enormously Productive.

Uniform in Ripening.

Large, Showy Pods and Peas.

Extra Fine Color and Quality.

The Pea for the Market Gardener.

A Grand Variety for General Crop.

The vines are vigorous, with but few branches, and have stout stiff stems and coarse light green foliage; grow about three and one-half feet high, and are covered with pods from bottom to top. The large, straight pods are produced in pairs, and when fit to pick are a rich dark green color. Each pod contains nine or ten large fine peas, which in flavor and quality are unapproached by any other variety.

The testimonials we have received from many large growers, who used this pea in large quantities last season, only confirm our claim of its value. Per pkt., 5c.; qt., 25c.; 2 qts., 40c.; pk., \$1.10; bu., \$4.00.

DWARF TELEPHONE.

A grand new pea, of dwarf, stocky growth, resembling the Telephone in every way except that the vines are quite dwarf, of healthy vigorous growth, and very productive; in season medium, about a week earlier than Stratagem. The pods are long, frequently measuring 5 inches in length, broad, straight, rounded or curved at the end, remarkably well filled, often containing nine or ten peas; color pale green, thick and of good lasting qualities for market purposes. When fit for table use the peas are of a very large size, tender and of delicious flavor. Per pkt., 5c.; qt., 35c.; 2 qts., 60c.; pk., \$2.00.

DUKE OF YORK.

A splendid new early wrinkled pea of English origin. One of the most distinct and valuable that has been introduced for years. It is similar to Telephone, but of dwarfer habit and a week to ten days earlier; possesses all the good qualities of that standard variety, and produces an equally large crop on a plant growing only three feet high. Pods are large and handsome, well filled with large, dark green peas of superior quality and flavor. By far the most valuable and desirable of its class. Per pkt., 5c.; qt., 25c.; 2 qts., 40c.; pk., \$1.25; bu., \$4.50.



Tilton's "Cleveland Market."

EXTRA
SELECTED

YELLOW GLOBE DANVERS ONION.

The Finest Strain in Cultivation. Distinct from the old type of Yellow Globe Danvers. Superior in Productiveness, Shape and Size. Matures Early and Ripens Uniformly. The most Profitable Onion for the Market Gardener.

This special strain of Yellow Globe Danvers Onion is the result of careful selection, and combines all the desirable qualities of a market onion.

It is grown from selected hand picked bulbs, none but those of perfect size and shape being set for seed.

Of perfect globe shape, rich orange yellow color, with very small neck; fine grained, solid, mild flavor and excellent quality.

It is well adapted to all classes of soils and especially good for marsh lands, on account of its quick maturing qualities. The onions are the very best of winter keepers. Its handsome appearance, long keeping qualities and enormous productiveness commend it to all onion growers. Per pkt., 5c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.40; 5 lbs., \$1.25 per lb.

Early Scarlet Prussian Globe Radish.

A Leading Forcing Variety.

The beautiful appearance and bright color make it a good seller. The radishes grow globular in shape and are of a brilliant cardinal-red color. It will stand considerable heat, and does not become pithy or spongy, and on this account is of particular value as a forcing sort; it is equally as good for open ground culture as for forcing, and therefore commends itself equally to the amateur and market gardener. Per pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

Non Plus Ultra Radish.

A Very Superior Early Forcing Radish. It will

Mature in Twenty-one Days.

The tops are small, roots globular and rich bright red color, flesh white, crisp and tender. Very attractive and presents a fine appearance when bunched. Per pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

CINCINNATI MARKET RADISH.

Without doubt the finest Long Red Radish for forcing. The tops are so very small that the radishes may stand touching each other in the rows. The roots are perfectly smooth, and from six to seven inches in length. Their attractive, glossy, scarlet colored skin is very thin and the flesh crisp and brittle and of delightfully pungent flavor. Per pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb. 50c.



WARDER HUBBARD SQUASH.

Unquestionably the Best Strain of Hubbard Squash. As a Winter Keeper it is Unsurpassed. Its striking appearance makes it a great favorite for the market.

Combines the merits of the original Hubbard Squash, with increased size, rougher, harder shell, improved quality, and stronger constitution. Of very dark green color, almost black; distinguished by a dense covering of warty knobs, which justifies the name "Warded." Very thick flesh, and a good keeper. Per pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

GOLDEN HUBBARD SQUASH.

A True Hubbard except in Color, which is bright orange red. Early. Productive. An Excellent Keeper. Attractive Color and Shape.

A very distinct sort of the shape and general character of the Hubbard. It has the hard rough shell, and the size and quality of the old favorite; matures earlier, keeps as well and is much more productive. In color, however, it is unlike any other, being a rich orange red. Per pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.



**“GREATER
CLEVELAND”
PANSIES.**

A collection which embraces over three score distinct colors, shades and markings, made up in a most careful manner, regardless of cost, from the choicest strains produced on the pansy seed farms and trial grounds of American, English, German and French specialists.

It contains all the solid or self colors, dark and light marbled varieties; others with clear, distinct eyes, large stained, blotched, mottled and striped kinds; silver edged, mahogany spotted, gold margined and many entirely new shades that can only be had in this mixture, including several new and grand sorts secured this season. The plants are of compact growth, and flower very profusely, producing flowers of fine forms measuring from two and one-half to four inches in diameter, and continuing to bloom most freely throughout the entire summer.

None Better in the World.

Unrivalled for Size, Diversity of Colors and Markings, Beauty of Form and Free Flowering Character.

The Richest and Most Chocily Varied Mixture ever offered.

Will Astonish and Delight Everyone who plants them.

Price, per pkt. (250 seeds) 25c.; five pkts. \$1.00.



Aster.==Semple's Branching.

A CHOICE strain of American grown Asters, which, by careful selection, have been brought to a high degree of perfection. Especially Desirable for Cut Flowers.
The plants branch very freely and bear very large flowers on stems twelve inches long. The flowers are equal to early Chrysanthemums, which they much resemble; very large, of perfect form, four to six inches in diameter; the colors are clear and handsome. White, Pink, Lavender, Crimson, Purple, or mixed colors. Per pkt., 10c.

Early Flowering Cosmos.

New Early Flowering Dwarf "Dawn."

This new variety comes into flower in July and continues a mass of bloom until cut down by severe frost. More bushy and compact than the older varieties, and grows only about four feet high, while all others attain a height of six to seven feet. The flowers are fully as large as those of the old sort, and in color pure white flushed with pink. Per pkt., 10c.

Giant Early Flowering Fancy.

The flowers of this superb new strain are double the size of old large-flowering Cosmos, and measure four to five inches in diameter; they are produced in a great diversity of colors. The petals are broad and overlapping, forming a perfectly round flower, deeply ribbed, and of splendid substance. The plants are five to six feet high, and of symmetrical pyramidal form. Per pkt., 10c.

New Imperial Japanese Morning Glories.

The Handsomest and Most Interesting Race of Climbers Ever Introduced. Unsurpassed for Beauty. Gigantic Flowers of Exquisite Colors. Magnificent Foliage.

These grand new Morning Glories from Japan are remarkable for the large size and exquisite new colors of the flowers and magnificent foliage of various forms and markings. Of strong, robust growth, attaining a height of 30 feet during the summer. The flowers are of gigantic size, measuring four to six inches across, of good substance remaining open the greater part of the day. The colorings are beyond description, and range from snow-white to black purple through all the shades of blue and red; some are streaked, mottled, striped, marbled and bordered in wonderful profusion. The Imperial Japanese Morning Glories are of the easiest culture; can be sown in the open ground in almost any situation, as soon as the weather becomes warm and settled. Everyone should try them. Per pkt., 10c.; 3 pkts., 25c.; oz., 40c.



New Climbing Nasturtium.

MADAM GUNTER'S HYBRIDS.

For richness and variety of colors these new hybrids have no equals among Nasturtiums. They are climbers, and free and continuous bloomers. It is impossible to describe all the different colors. There are shades of rose, salmon, brightest red, pale yellow, either as self-colors or spotted and striped. The foliage is dark and contrasts very effectively with the rich colors. Per pkt., 10c.; oz., 25c.

Japanese Fern Balls. (*Davallia Bullata*.)



A Grand Novelty from Japan. One of the most satisfactory House Ferns ever offered. Thrives in the window or greenhouse, hung up by a cord. Requires no soil; when growing should be watered two or three times a week.

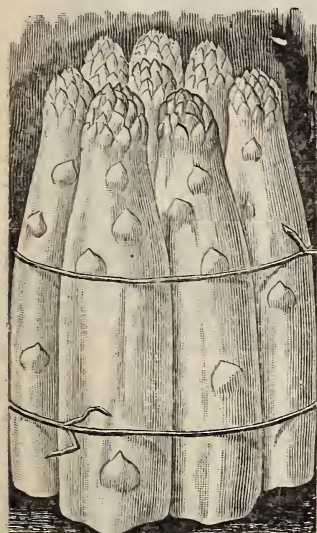
The center is moss, covered with fern roots twisted and worked together in a ball shape 8 to 10 inches in diameter. After watering, the fresh young leaves sprout out and in a short time form a mass of beautiful green foliage 15 to 18 inches in diameter. [see cut.]

If desired, they may be allowed to dry up, which is very convenient when a person goes on a summer vacation. They may be started again by simply watering as before. If desired they may be cut in halves and placed in a fern dish. They take up no valuable space, but should be grown where not too much sun reaches them. Each, 75c.; two for \$1.25; postage 10c. each extra



PLEASE REMEMBER that our prices are net, and do not include delivery charges, except as noted below. At the prices named in this catalogue, **WE DELIVER POSTPAID** all packets, ounces and quarter pounds of flower and vegetable seeds.

ON ALL SEEDS BY WEIGHT, where quantity exceeds that above mentioned, eight cents per pound must be added for prepayment of postage or express charges.



Columbian Mammoth White Asparagus.

ASPARAGUS.

	Per Packet, any variety, 5 cts.	Oz.	¼ lb	Lb.
Conover's Colossal. A standard sort; color deep green, quality good .....		.05	.15	.40
Palmetto. Of large size, even and regular in growth and appearance; bright green color.....		.05	.15	.50
Barr's Mammoth. Stalks very large with few scales; of light color. A desirable market variety.....		.05	.15	.40
Columbian Mammoth White. Produces pure white shoots; requires no artificial blanching and brings in market better prices than any other sort.....		.10	.20	.60

ASPARAGUS ROOTS.

	Per 100	Per 1000
Colossal. Two years old.....	.50	\$1.50
Palmetto. Two years old .....	.60	5.00
Barr's Mammoth. Two years old.....	.60	5.00
Columbian Mammoth White. Two years old .....	.75	6.00

BEANS.—DWARF OR SNAP.

If sent by mail 8 cents per pint; 15 cents per quart, must be added for postage. Pints at quart prices; one-half pecks at peck prices. NOTE. Beans of all varieties were an extremely short crop last season, and prices rule higher: we advise early orders, as when stocks now in hand are exhausted, it will be impossible to replenish from reliable sources.

GREEN PODDED VARIETIES.

	Per packet (2 ounces) any variety, 5c.	Qt.	2 Qt.	Pk.	Bu.
Burpee's Stringless Green Pod. One of the earliest of all beans. Long, straight, fleshy pods, perfectly round and absolutely stringless; of finest quality.....		.35	.60	2.00	7.50
Improved Early Red Valentine. A profitable sort for private use or market; very early; round fleshy pods .....		.35	.60	1.85	7.00
Emperor William. Very early; extensively used for pickling, large flat pods.....		.30	.50	1.75	6.50
Early Mohawk. The hardiest of any; can be planted earlier than the more tender sorts .....		.30	.50	1.50	5.50
Long Yellow—Six Weeks. Early; leading market variety; straight flat pods .....		.30	.50	1.50	5.50
Canadian Wonder. Plants dwarf and compact, pods very long and of perfect form .....		.30	.50	1.35	5.00
Refugee, or 1000 to 1. Late; largely grown for main crop; very productive and tender; highly esteemed for use as pickles.....		.30	.50	1.60	6.00



BEANS.— CONTINUED.

FIELD SORTS.

Qt. 2Qt. Pk. Bu.

California Tree. The most prolific variety for field culture yet known. The beans resemble the Navy .....	.15	.25	.80	\$3.00
Dwarf White Navy. A sure cropper; very prolific.....	.15	.25	.80	3.00
White Kidney. A superior variety for baking; beans kidney shaped.....	.15	.25	.80	3.00
White Marrow. Very prolific; beans large, clear white .....	.15	.25	.80	3.00

WAX PODDED VARIETIES.

Per packet, any variety, 5 cts.

Improved Golden Wax. Very prolific; straight, thick; pods of a golden yellow color; free from rust.

qt. .30, 2 qt. .50, peck 1.75, bu. 6.50

Golden-Eyed Wax. Hardy and prolific; straight, flat, yellow pods.....

qt. .30, 2 qt. .50, peck 1.50

Davis Kidney Wax. The best of late introduction. Long, handsome pods; an excellent market bean,

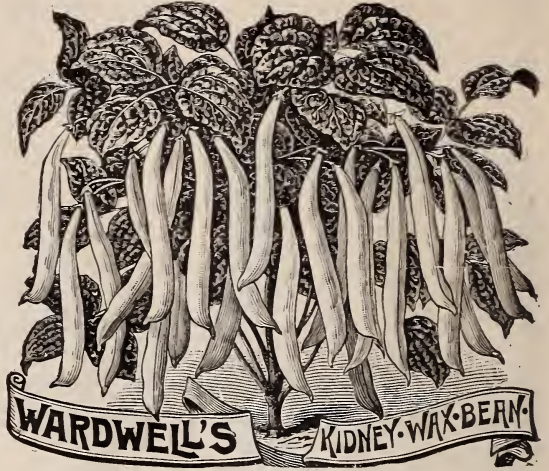
qt. .35, 2 qt. .60, peck 2.00.

Currie's Rust-Proof Wax. Early and vigorous; entirely free from rust; pods long, flat, straight, of a golden yellow color.

qt. .30, 2 qt. .50, peck 1.75

Allen's Imperial Wax. One of the finest wax beans now before the public; the result of several years' careful culture. Pods long, broad and straight, of beautiful waxy color, fine texture and flavor; must be picked when young and tender.

qt. .35, 2 qt. .60, peck 2.00



Qt. 2qt. Pk. Bu.

Wardwell's Kidney Wax. A great favorite; very hardy, productive; free from rust; long, flat, waxy, yellow pods; early.....

.35 .60 \$2.00 \$7.50

Detroit Wax. Resembles Golden Wax, but is less liable to rust....

.30 .50 1.75

Golden Wax. A popular and distinct variety; pods large, long and entirely stringless

.30 .50 1.60 6.00

German Black Wax. A well-known variety, producing short, round curved, thick-fleshed pods.....

.30 .50 1.60 6.00

BUSH LIMA.

Per packet, 5 cts.

Burpee's Bush Lima. A bush form of the Large White Lima; grows 18 to 20 inches high; an immense yielder and a sure cropper.

Pods large and handsome; beans identical in size and flavor

with the Pole Limas35 .60 1.85 7.00

POLE OR RUNNING.

Per packet, any variety, 5 cts.

Dutch Case Knife. Very early and prolific, with long, flat, irregularly shaped pods. A favorite for pickling.....

.30 .50 1.75

Scarlet Runner. Vines very ornamental with dazzling scarlet flowers; beans large, of best flavor and quality.

qt. .35, 2 qt. .60

Early Jersey Lima. Earlier than Large White Lima; vines vigorous and productive.

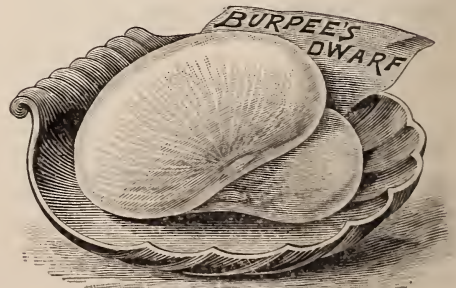
qt. .30, 2 qt. .50, peck 1.75, bu. 6.50

Large White Lima, Extra Size. Pods large and broad; a well-known sort. The strain we offer is unsurpassed.

qt. .30, 2 qt. .50, peck 1.60, bu. 6.00

King of the Garden Lima. Similar to the common Lima, but more productive; pods 6 to 8 in. in length.

qt. .30, 2 qt. .50, peck 1.60, bu. 6.00



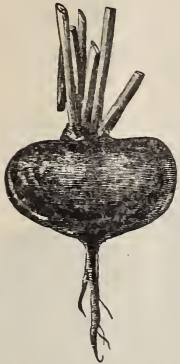
Emperor William Bean.

Our Beans are grown in sections best adapted to their full development, and are of very best quality.

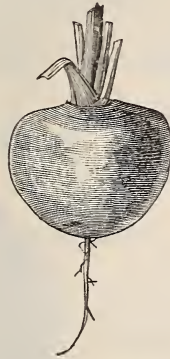
BEET.

Per Packet, any variety, 5 cents.

	Oz.	¼ lb.	Lb.
✓ Columbia. Round, smooth skin; deep blood red flesh; very early and of excellent quality	.10	.20	.60
✓ Crosby's Improved Egyptian. A selection from the well-known Egyptian Beet; very early and especially recommendable for forcing; tops small; deep blood red color.....	.10	.15	.50
✓ Extra Early Egyptian. An early variety with small top; roots dark red; flat on top.....	.10	.13	.40
✓ Early Eclipse. Extra early, with small tops; roots round, dark red, Oz. ¼lb. Lb. zoned with lighter red .....	.10	.13	.40
✓ Detroit Dark Red Turnip. Small upright tops; matures early; roots globular; dark blood red color.....	.10	.15	.50
✓ Edmund's Improved Blood Turnip. Very regular in growth; deep blood red color .....	.10	.13	.40



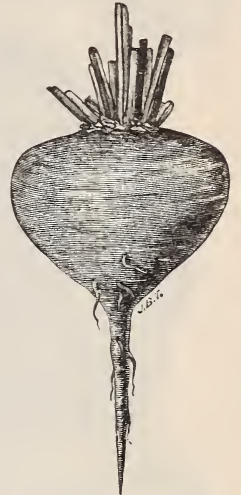
Extra Early Egyptian.



Early Eclipse.



Edmund's Improved.



Bastian's Early.

✓ Bastian's Early Blood Turnip. One of the earliest; roots turnip shaped; light color.....	.10	.13	.40
✓ Early Turnip Bassano. Grows to large size; light color; best variety for greens.....	.10	.13	.40
✓ Half Long Blood. Splendid for winter use. Flesh dark red; never becomes woody.....	.10	.13	.40
✓ Long Smooth Blood. Roots large, dark red. Late variety and a good keeper	oz. .10	¼ lb. .13	Lb. .40
✓ Swiss Chard, or Sea Kale Beet. A distinct vegetable, used for greens or pickles .....	.10	.15	.50



Mammoth Long Red Mangel Wurzel.

BEETS FOR CATTLE FEEDING.

✓ Mammoth Long Red Mangel Wurzel. A large variety; very productive. 5 lbs., 20 cts. per lb.....	.05	.25
✓ Norbiton Giant Mangel Wurzel. Very large, with straight, well-formed roots; scarlet color. 5 lbs., 20 cts. per lb.....	.05	.25
✓ Golden Tankard Mangel Wurzel. Roots large, ovoid, yellow. Highly esteemed by best dairymen, 5 lbs., 20 cts. per lb. .05	.05	.25
✓ Vilmorin's Improved Sugar. Grows to a large size; is useful for sugar-making as well as stock feeding; a greatly improved variety.....oz. .05, lb. .25	.05	.25
✓ Klein Wanzleben Sugar. More widely grown than any other; without question the best sort for general cultivation. Grows below the surface, producing a fine, shapely root; the richest in saccharine matter. oz. .05, lb. .25	.05	.25



Golden Tankard Mangel Wurzel.

Special prices on Beet, Mangel and Sugar Beet
Seed in large quantities.

BRUSSELS SPROUTS.

Per packet, 5 cts.

✓ Perfection. Produces compact sprouts of excellent quality. Grows about two feet high. oz. 15 cts., 2 ozs. 25 cts., ¼ lb. 40 cts., lb. 1.25
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CABBAGE.

Per packet, any variety, 5 cts.



Early Jersey Wakefield. A standard early variety; held in high esteem by market gardeners generally.
oz. .25, 2 oz. .45, ¼ lb. .80, lb. 3.00

Charleston Wakefield. Heads the same shape as the Early Jersey Wakefield, but average about 50 per cent. larger, and mature a few days later.
oz. .30, 2 oz. .50, ¼ lb. .90, lb. 3.25

Early Winningstadt. A popular sure-heading early variety; heads large, solid, conical.
oz. .20, 2 oz. .35, ¼ lb. .50, lb. 1.75

Succession. Second early round-headed sort; heads up evenly; of good quality; in all respects desirable.....oz. .25, 2 oz. .40, ¼ lb. .75, lb. 2.50

Henderson's Early Summer. Produces large, flat, compact heads; second early.
oz. .20, 2 oz. .35, ¼ lb. .50, lb. 1.75

Burpee's All Head Early. A superior second early; heads deep, flat, solid, and uniform in shape and size.....oz. .25, 2 oz. .40, ¼ lb. .65, lb. 2.25



All Seasons.

Early Dwarf Flat Dutch. One of the best second earlys. Heads solid, round, flat on top. Resists heat well.
oz. .20, 2 ozs. .35, ¼lb. .50, lb. 1.75

Fottler's Early Brunswick. Has very short stem; heads large, very flat, remarkably compact.
oz. .20, 2 ozs. .35, ¼lb. .50, lb. 1.75

All Seasons. Valuable for market gardeners; one of the best for second early or late; attains a large size, sure heading.
oz. .25, 2 ozs. .40, ¼lb. .65, lb. 2.25

Excelsior Late Flat Dutch. An improved strain of Late Flat Dutch oz. .20, 2 ozs. .35, ¼lb. .50, lb. 1.75

Premium Flat Dutch. Large, remarkably hardy; a standard fall and winter sort.....oz. .15, 2 ozs. .25, ¼lb. .40, lb. 1.50

Surehead. A favorite main crop variety. Forms solid, firm heads of good size.
oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00

Filderkraut. Good either for first or second crop; pointed heads.....oz. .15, 2 oz. .25, ¼ lb. .40, lb. 1.50

The Lupton. A thoroughbred late cabbage; large heads; splendid keeper.
oz. .25, 2 oz. .40, ¼ lb. .75, lb. 2.50

Holland. Deep, solid heads of medium size, and fine white color; remarkable keeperoz. 25, 2 oz. .40, ¼ lb. .75, lb. 2.50

Large Late Flat Dutch. Low growing variety, with large, round, solid heads, oz.....15, 2 ozs. 25, ¼ lb. 40, lb. 1.50

Large Late Drumhead. For fall or winter, An excellent keeper, oz. 15, 2 ozs. .25, ¼ lb. .40 lb. 1.50.

Our Cabbage
Seed is
American
grown from
the best
selected stock
and is
superior in
every respect.



BURPEE'S
"ALL HEAD EARLY"
CABBAGE

CABBAGE.—CONTINUED.

Louisville Drumhead. Splendid market gardener's variety; stands heat well.....	.15	.25	.40	\$1.50
Stone Mason Drumhead. Exceedingly hardy; profitable variety for market purpose..	.15	.25	.40	1.50
Marblehead Mammoth Drumhead. The largest cabbage known .....	.15	.25	.40	1.50
Drumhead Savoy. Large size; head nearly round; color dark green.....	.20	.35	.50	1.75



Mammoth Rock Red.



Green Curled Savoy.



Drumhead Savoy.

Green Curled Savoy. Loose heads; hardy; second early.....	.20	.35	.50	1.75
Mammoth Rock Red. The best red cabbage; sure head; deep red color...	.25	.40	.65	2.25
Red Dutch. Hard, solid heads, of intense blood-red color.....	.20	.35	.50	1.75

CAULIFLOWER.

Early Favorite. An early, large growing kind; forms a large head, which is solid, crisp and tender; will make heads under more unfavorable conditions than any other.

pkt. .10, ¼ oz. .25, oz. .75, ¼ lb. 2.50

Early Snowball. Early; reliable as a sure header; compact grower.

pkt. .25, ¼ oz. .65, oz. 2.25, ¼ lb. 7.50

Selected Early Dwarf Erfurt. Extra early, of dwarf habit, compact growth.....

pkt. .25, ¼ oz. 60, oz. 2.00, ¼ lb. 7.00

LeNormand's Short Stem. One of the best; hardy, semi-dwarf, late.....

pkt. .10, ¼ oz. .15, oz. .50, ¼ lb. 1.75

Leitch's Autumn Giant. Of vigorous growth; very large white heads; late

pkt. .10, ¼ oz. .15, oz. .50, ¼ lb. 1.50

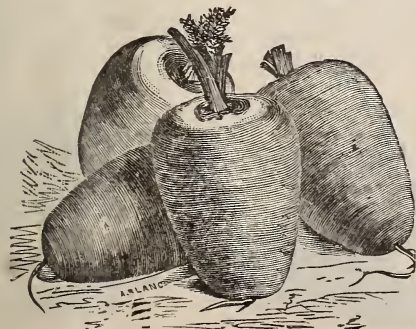


Early Snowball Cauliflower.

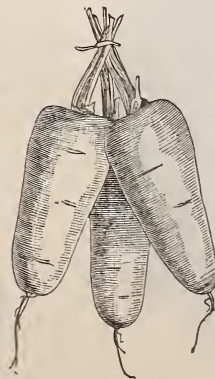
CARROT.

Per packet, any variety, 5 cts.

Early Scarlet Horn. Best for early planting out of doors .....	.10	.20	.60
Chantenay. Medium early; half long, stump-rooted, fine grained .....	.10	.20	.60
Rubicon. Of uniform shape, earlier than Danvers, about same length, but heavier and thicker at shoulders; very productive; deep red orange color and of unexcelled quality, .....	.10	.20	.60
Half Long Scarlet Nantes. Roots smooth, bright orange, of finest quality.....	.10	.20	.60
Danver's Half Long. Best for field culture. Roots large, dark colored; uniform and handsome.....	oz. .10, ¼ lb. .20, lb. .60		
Ox Heart. Very thick and blunt; grows rapidly; flesh deep orange color, oz. 10, ¼ lb. .20, lb. .60			



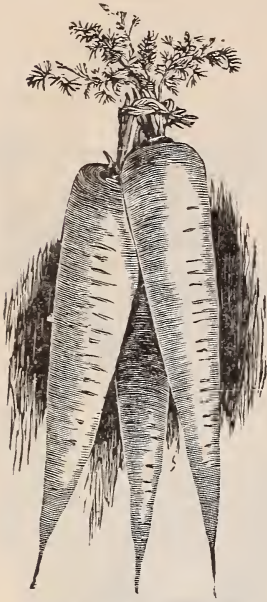
Ox Heart.



Chantenay.



Danver's Half Long.



Improved Long Orange Carrot.

CARROT.—CONTINUED.

	Oz.	¼ lb.	Lb.
Half Long Carentan. Unsurpassed for fine quality and perfect shape; smooth, flesh red, coreless.....	.10	.20	.60
Improved Long Orange. Long pointed roots; requires deep soil....	.10	.15	.50
Improved Large White Belgian. Roots pure white; green above ground; used for stock feeding.....	.10	.15	.50
Victoria. Heavy cropper; orange yellow color; fine for feeding...	.10	.15	.50

Special price on carrot seed in quantity.

CHICORY.

Per packet, 5 cts.

Large Rooted. The dried roots are roasted and mixed with coffee or used as a substitute; cultivate same as carrotoz. .10, ¼ lb. .25, lb. .75

CELERY.

Per packet, any variety, 5 cts.

Oz. 2 ozs. ¼ lb. Lb.

Giant Pascal. Thick, solid, crisp stalks; a fine keeper and shipper .....	.15	.25	.40	\$1.50
Golden Self-Blanching. Of compact growth; rich golden yellow color; blanches readily .....	.25	.40	.75	2.50
White Plume. Requires but little earthing up to blanch; naturally white or light foliage. Valuable for market..	.20	.35	.50	1.75
Pink Plume. Very attractive; same as white plume, except that stalks and stems are tinged with pink.....	.20	.35	.50	1.75

Kalamazoo White Dwarf.

Half-Dwarf, white, solid; easily blanched and a good keeper. oz..15, 2 ozs. 25, ¼ lb. 40, lb. 1.50

	Oz.	2 oz.	¼ lb.	Lb.
Perfection Heartwell. Fine, large winter variety; solid heads; creamy white color; fine flavor .....	.15	.25	.40	\$1.50
New Rose. The best red variety; of fine flavor; splendid for late use.....	.15	.25	.40	1.50
Golden Heart. Of sturdy dwarf habit; solid and an excellent keeper.....	.15	.25	.40	1.50
Crawford's Half Dwarf. Vigorous grower; yellowish white when blanched.....	.15	.25	.40	1.50
Boston Market. Medium sized, hardy, fine flavor. Stalks numerous, very solid.	.15	.25	.40	1.50
Soup or Flavoring Celery. Used for flavoring pickles, sauce, etc.....	.05			.40

CELERIAC. Per packet, 5c.

Large Smooth Prague. Roots large, smooth, almost round .....	.15	.25	.40	1.50
Turnip Rooted. Turnip-shaped roots, with more side roots than above sort.....	.15	.25	.40	1.25



Golden Self-Blanching.



Large Smooth Prague Celeriac.



Turnip Rooted Celeriac.

CORN.—EXTRA EARLY VARIETIES.

Pecks Supplied at Bushel Rates.

Per packet, any variety, 5 cts.

If sent by mail add 5 cts. per pint, 10 cts. per quart for postage.

Burbank's Early Maine. The earliest large sugar-corn. A superior sort for market gardeners. Ears large size, 8 rowed; white cob and grain.....	Qt. .20	2 qts. .35	4 qts. .40	\$3.00
Cory. A very early variety; red cob, large grain....	.20	.35	.40	3.00
White Cory. Is early and of same size as Cory, but has white cob.....	.20	.35	.40	3.00
Mammoth White Cory. Extra early; ears larger than the ordinary Cory, 12-rowed, white cob, large white grain .....	.20	.35	.40	3.00
Kendel's Early Giant. One of the best early varieties; large ears, 10 and 12 rowed; is becoming a great favorite with marketmen.....	.20	.35	.40	3.00

MEDIUM EARLY VARIETIES.

Early Champion. A splendid variety for market gardeners; large ears, early, pure white; 10 to 12 rowed .....	.20	.35	.40	3.00
Early Minnesota. Plant semi-dwarf. An excellent market variety; a little later than the preceding.	.20	.35	.40	3.00
Shaker's Early. Large, well-filled ears; kernels pearly white; fine flavor.....	.20	.35	.40	3.00
Perry's Hybrid. Very popular; medium height; large ears .....	.20	.35	.40	3.00
Crosby's Early. Ears of good size, 12-rowed; an excellent variety .....	.20	.35	.40	3.00
Moore's Early Concord. Large, handsome, 14-rowed ears .....	.20	.35	.40	3.00

MAIN CROP AND LATE VARIETIES.

Tilton's Twelve Rowed. The best variety for main crop; very productive. Ears of good size, 12-rowed, medium length, well filled; grain sweet and rich .....	.25	.40	.60	4.00
Hickox Hybrid. Valuable for market; very prolific, ears 12-rowed, with white cob and grain. Excellent for canning .....	.20	.35	.40	2.50
Early Mammoth. Resembles the Mammoth, but ripens two weeks earlier.....	.20	.35	.40	3.00
Country Gentleman. Handsome and attractive; of delicious quality.....	.20	.35	.40	3.00
Stowell's Evergreen. Remains green a long time; hardy, productive, tender and sugary.....	.20	.30	.40	2.50
Zigzag Evergreen. An excellent variety. Kernels set irregularly on the cob.....	.20	.35	.40	3.00
Egyptian. Remarkably large ears; sweet and tender.	.20	.35	.40	3.00
Mammoth. Produces the largest ears of any sort. Quality excellent .....	.20	.35	.40	3.00
Black Mexican. Of fine quality; ripe grain is bluish-black .....	.20	.35	.40	3.00

FIELD CORN.

Per quart, any variety, 10 cts. 4 qts. Pk. Bu.

Rideout or Mercer. A large eared flint variety, maturing in seventy-five days .....	.30	.50	\$1.25
Minnesota White. An 8 or 10 rowed white flint corn. Matures early .....	.30	.50	1.25
Longfellow. Eight-rowed, long, well-filled ears; yellow flint .....	.30	.50	1.25
Minnesota King. An early, yellow, half dent; sure cropper and abundant yielder.....	.30	.50	1.25
Champion Yellow Dent. A superior thoroughbred dent corn. Matures in 90 to 100 days; short thick stalks; long, well-filled ears; deep kernels.....	.30	.50	1.25
Pride of the North. Early dent variety; matures in 90 days; deep kernels and small cob.....	.30	.50	1.25
Improved Leaming. A yellow dent variety; ripens in from 90 to 110 days from planting. Ears large and handsome; deep, large grain. A strong grower.....	.30	.50	1.25



Cory.



Early Minnesota.



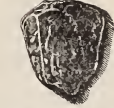
Crosby's Early.



Moore's Early Concord.



Tilton's Twelve Rowed.



Stowell's Evergreen.



Mammoth.



CORN.—CONTINUED.

ENSILAGE CORN.

Red Cob. The best for ensilage or fodder purposes. An immense yielder. Sow broadcast, or in drills, three to four feet apart, at the rate of $\frac{3}{4}$ to 2 bushels per acre. Price given upon application.

POP CORN.

Rice. Has no superior as a parching corn. Kernels long, pointed, white. per ear, .03, per doz. ears, .25

Queen's Golden. Large ears; kernels large, rich golden yellow per ear, .03, per doz. ears, .25

CORN SALAD OR FETTICUS.

Per packet, 5 cts.

Large Seeded. Large leaved; a favorite market gardeners' variety, 5 lbs., 40c. per lb., oz. .10, $\frac{1}{4}$ lb. .20, lb. .50

Large Green Cabbaging. A very fine variety; rosette-shaped. .5 lbs., 40c. per lb., oz. .10, $\frac{1}{4}$ lb. .20, lb. .50

CRESS.

Per packet, 5 cts.



Corn Salad.

Early Curled or Pepper Grass. Used as a salad; very warm and pungent. oz. .10, $\frac{1}{4}$ lb. .15, lb. .40

True Water. A delicious salad; only thrives when its roots and stems are submerged in water. oz. 40, $\frac{1}{4}$ lb. 1.00, lb. 3.00



True Water Cress.

CUCUMBER.

Per packet, any variety, 5 cts

Oz. $\frac{1}{4}$ lb. Lb.

Improved White Spine. The very best market sort; very productive; largely used for pickles. 5 lbs., 40c. per lb.10 .15 .50

Evergreen White Spine. Of great value; early and prolific; retains its fine deep green color during all stages of growth. 5 lbs., 40c. per lb.10 .15 .50



Extra Long White Spine. Ten to twelve inches long; very straight; fine for pickles.10 .15 .50

Arlington White Spine. A selection from the White Spine, and one of the most perfect in shape, size, color and quality10 .15 .50

Peerless White Spine. Early, prolific and of good size; color deep green; one of the best pickling cucumbers10 .15 .50

Chicago Pickling. Very popular and undoubtedly the best for pickles.10 .15 .50

Early Russian. Earliest and hardest; small oval, covered with fine spines.10 .15 .50

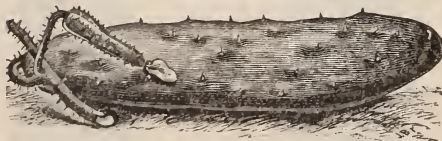
Jersey Pickling. One of the best for pickles; uniform in size10 .15 .50

Boston Pickling or Green Prolific. Fruit short, bright green; very productive.10 .15 .50

Improved Long Green. Fruit long; when young one of the best for pickles, and when ripe is the best for sweet pickles. 5 lbs. 40c. per lb. oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

Gherkin or Burr. A very small, oval-shaped prickly variety, distinct from all others; exclusively for pickling. oz. .10, $\frac{1}{4}$ lb. .25

Japanese Climbing. Vines vigorous and of climbing habit. Very prolific; fruit 10 to 12 inches long, dark green; good for pickling or slicing. oz. .10, $\frac{1}{4}$ lb. .25



Improved Long Green.

Special prices on cucumber seed in large quantities.



New York Improved Purple Egg Plant.

EGG PLANT.

Per packet, 5 cts.

New York Improved Purple. The leading market variety; large, round, dark purple, thornless; most productive of any.

oz. .25, 2 ozs. .40, $\frac{1}{4}$ lb. .70, lb. 2.50

ENDIVE.

Per packet, any variety, 5 cts.

	Oz.	2 ozs.	¼ lb.	Lb.
White Curled. The most beautiful and attractive; leaves almost white.....	.15	.25	.35	\$1.25
Green Curled. Hardy; beautiful curled dark green leaves; blanches white.....	.15	.25	.35	1.25
Broad Leaved Batavian. Has broad, thick, plain leaves, which form a large head....	.15	.25	.40	1.50



White Curled.



Green Curled.



Broad Leaved Batavian.

KALE.

Per packet, any variety, 5 cts.

	Oz.	2 ozs.	¼ lb.	Lb.
Dwarf Curled German. The leading market variety. For fall sowing. 5 lbs., 40c. lb...	.10	.15	.20	.60
Extra Curled German Dwarf Green. Plant dwarf and compact. Leaves long, of deep green color .....	.10	.15	.20	.75
Tall Green Curled Scotch. About two feet high. Leaves dark green, curled and wrinkled .....	.10	.15	.20	.75



Large Flag Leek.



Dwarf Curled German Kale.



Extra Curled German Dwarf Green Kale.

KOHL RABI.

Per packet, any variety, 5 cts.

Early White Vienna. Very early; small white bulb. oz. .20, 2 oz. .35, ¼ lb. .50, lb. 1.75
Early Purple Vienna. Bright purple, with leaf stems tinted with purple .....oz. 20, 2 ozs. .35, ¼ lb. .50, lb. 1.75
Large Green. Hardy, late; used for feeding stock; very large bulb .....oz. .15, 2 ozs. .25, ¼ lb. .40, lb. 1.50



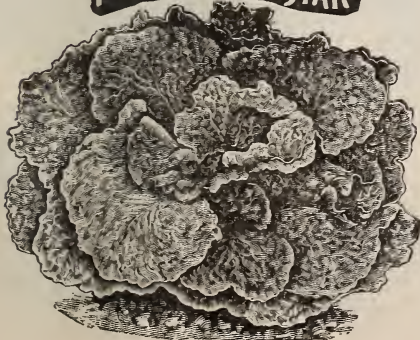
Early White Vienna Kohl Rabi.

LEEK.

Per packet, 5 cts.

Large Flag. Hardy and of good quality. Used more than any other kind. oz. .20, 2 oz. .35, ¼ lb. .45, lb. 1.75
Musselburgh. Grows to a very large size with broad leaves; hardy. oz. .20, 2 oz. .35, ¼ lb. .45, lb. 1.50

TILTONS WHITE STAR



LETTUCE.

Per packet, any variety, 5 cts.

Golden Beauty. The best lettuce for forcing, as its heavy weight makes it a profitable kind, while its enormous heads and long standing qualities make it one of the best for outdoor culture .....oz. .25, 2 ozs. .40, ¼ lb. .60, lb. 2.00
Tilton's White Star. An enormous yielder; a superior sort for forcing or planting out of doors. oz. .15, 2 ozs. .25, ¼ lb. .35, lb. 1.25

We Mail Postpaid to any post office in the United States, all vegetable seeds in packets, ounces and quarter-pounds; for larger quantities add eight cents per pound to cover postage.

LETTUCE—CONTINUED.

Grand Rapids. Fair sized, loose heads; leaves crimped and frilled; fine for forcing.

oz. .15, 2 oz. .25, ¼ lb. .35, lb. 1.25

Black Seeded Simpson. Large loose heads of yellowish light green color.

oz. .15, 2 oz. .25, ¼ lb. .35, lb. 1.25

White Chavigne. A new and distinct white-seeded cabbage lettuce; hardy and excellent for spring and summer use; large compact heads of rich light yellow color and delicious flavor. This is a new French variety, and has taken the highest award and first-class certificate at the Royal Horticultural Society, England.

oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00



Denver Market. Early head lettuce with blistered or savoyed leaves.

oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00

Deacon. Large solid heads of light color; excellent for summer..oz. .15, 2 oz. .25, ¼ lb. .35, lb. 1.25

Big Boston. Very large heads; for forcing or outdoorsoz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00

Boston Market. One of the best for forcing under glass, as well as for outside use; forms fair-sized heads.....oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00

Hubbard's Market. A large white variety, equally good for forcing or open ground.

oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00



Black Seeded Simpson.

Iceberg. Of beautiful appearance and excellent quality; heads good size and solid.

oz. .15, 2 oz. .25, ¼ lb. .35, lb. 1.25

California Cream Butter. Very solid heads; medium early, of good size; rich cream yellow.

oz. .15, 2 oz. .25, ¼ lb. .35, lb. 1.25

Blond Blockhead. Bright golden color and attractive form.....oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00

Marblehead Mammoth. The largest head lettuce; leaves light green, crisp, tender and free from bitterness.....oz. 10, 2 oz. .15, ¼ lb. .30, lb. 1.00

Tennis Ball, White Seeded. Extensively grown for forcing and heading under glass; heads firm and good size; very white and crisp.

oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00

Tennis Ball, Black Seeded. Popular for open ground culture; forms a handsome head.

oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00



Frankfort Head.

Frankfort Head. Handsome, firm heads; leaves thick, light colored; resists heat remarkably well. A favorite for market use. True stock.

oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00

Frankfort Head, Black Seeded. Similar to above in growth, but with darker green leaves.

oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00

Improved Hanson. Of remarkable size; very solid.

oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00

Salamander. Good sized, compact heads, which resist summer heat.oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00



Improved Hanson.

Brown Dutch. Exceedingly hardy; large solid heads; thick green leaves tinged with brown.

oz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00

Prize Head. A brown leaved variety; slow to run to seedoz. .10, 2 oz. .15, ¼ lb. .30, lb. 1.00

Trianon, Self-Closing Cos. The best of the Cos sorts; upright, crisp and tender.

oz. .15, 2 oz. .25, ¼ lb. .35, lb. 1.25

Balloon Cos. Very large; for late sowing.

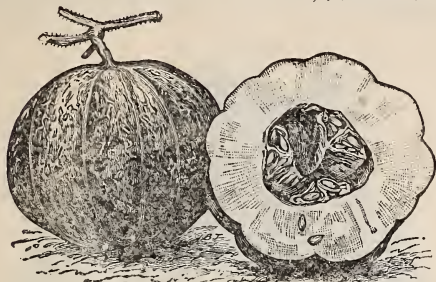
oz. .15, 2 oz. .25, ¼ lb. .35, lb. 1.25

MUSK MELON.

Per packet, any variety, 5 cts.

Rocky Ford. Very early and of remarkably fine quality and appearance. Flesh light green, very thick meated; one of the best for market gardeners, shippers and the home garden.

oz. .10, ¼ lb. .25, lb. .75



Emerald Gem.

Extra Early Green Citron. Very early and productive; flesh light green.....oz. .10, ¼ lb. .15, lb. .50

Emerald Gem. Extra early; very sweet; flesh salmon color.....oz. .10, ¼ lb. .15, lb. .50

Jersey Belle. Extra early, heavily netted; flesh deep green.....oz. .10, ¼ lb. .15, lb. .50



Hackensack, or Turk's Cap.

Extra Early Hackensack. Ripens ten days earlier than Hackensack.....oz. .10, ¼ lb. .15, lb. .50

Improved Orange Christiana. Early, medium sized, round; color dark green; flesh orange.

oz. .10, ¼ lb. .15, lb. .50



Mushrooms.

Hackensack, or Turk's Cap. Large, round; one of the best market melons.....oz. .10, ¼ lb. .15, lb. .50

Pine Apple. Medium sized; flesh green; very thick; sweet.....oz. .10, ¼ lb. .15, lb. .50

Princess. Round, early; heavily netted dark green skin; salmon colored flesh.....oz. .10, ¼ lb. .15, lb. .50

Osage. A favorite sort; large, oval, dark green; flesh deep salmon; very sweet.

oz. .10, ¼ lb. .15, lb. .50

Paul Rose. Possesses all the good qualities of the Osage and Netted Gem, from which it originated. Fruit oval, with thick, firm flesh of orange red color; very sweet and highly flavored. A splendid sort.....oz. .10, ¼ lb. .25, lb. .75



Improved Large Green Nutmeg.

Delmonico. Oval, large, finely netted; orange pink flesh.....oz. .10, ¼ lb. .15, lb. .50

Tip Top. Distinct in appearance; of high quality; flesh rich salmon; skin pale green.

oz. .10, ¼ lb. .15, lb. .50

Improved Large Green Nutmeg. Very large; excellent for late.....oz. .10, ¼ lb. .15, lb. .50

Montreal Nutmeg. Very large, late; best to grow for exhibition.....oz. .10, ¼ lb. .15, lb. .50

Banana. Long banana-like fruit; skin creamy white; flesh deep salmon.....oz. .10, ¼ lb. .15, lb. .50



BANANA-MELON.

MUSHROOM SPAWN.

English. In bricks, per lb., .15, 10 lbs., \$1.00, 100 lbs., \$8.00.

Mushroom Culture. An extract from Henderson's Hand-book of Plants, on the culture of mushrooms; sent free on receipt of ten cents.

MUSTARD.

Per packet, 5 cts.

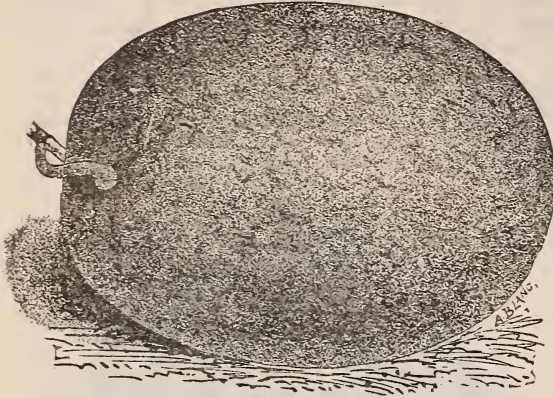
White English. Leaves light green, mild and tender; seed light yellowoz. .05, ¼ lb. .10, lb. .25

Brown or Black. Strong and more pungent than the white.
oz. .05, ¼ lb. .10, lb. .25

WATER MELON.

Per packet, any variety, 5 cts.

	Oz.	¼ lb.	Lb.
Phinney's Early. Fruit large; oval; productive; early; flesh red, sweet.....	.10	.15	.50
Ice Cream. Medium size; light colored skin; seeds white; a leading variety.....	.10	.15	.50
Sweet Heart. Very large, heavy, bright green; flesh red, of fine quality.....	.10	.15	.50
Mountain Sweet. Large, oblong, dark green; flesh red, very sweet.....	.10	.15	.50



Ice Cream Water Melon.



Citron Preserving Melon.

Citron. (For preserving.) Perfectly round, mottled skin, red seed.....oz. .10, ¼ lb. .20, lb. .75

Colorado Preserving Melon. Green seed
oz. .10, ¼ lb. .20, lb. .75

Boss. Medium early. small size, very productive, a good shipper..... .10 .15 .50

Black Spanish. Large size, nearly round; skin very dark green10 .15 .50

Mammoth Iron clad. Long, very large, late; good shipper10 .15 .50

Kentucky Wonder. Dark green; flesh scarlet, very rich and sugary10 .15 .50

ONION.

Per packet, any variety 5 cts.



No. 1, Extra Early Red; No. 2, Large Red Wethersfield;
No. 3, Yellow Globe Danvers; No. 4, White Portugal;
No. 5, White Silverskin; No. 6, White Globe.



Black Spanish Water Melon.

Yellow Globe Danvers. The standard variety everywhere; of true globe shape and handsome appearance; keeps well.....5 lbs. 90c. per lb., oz. .15, ¼ lb. .30, lb. 1.00

Extra Selected Yellow Globe Danvers. The finest strain in cultivation. Superior to ordinary strains of Yellow Globe Danvers in earliness, shape and uniformity of size and color. Grown from selected hand-picked bulbs; none but those perfect in size and shape being set for seed. Perfect globe shape with very small neck; entirely distinct from the old type of Yellow Globe Danvers.
5 lbs. \$1.25 per lb., oz. .20, ¼ lb. .40, lb. 1.40

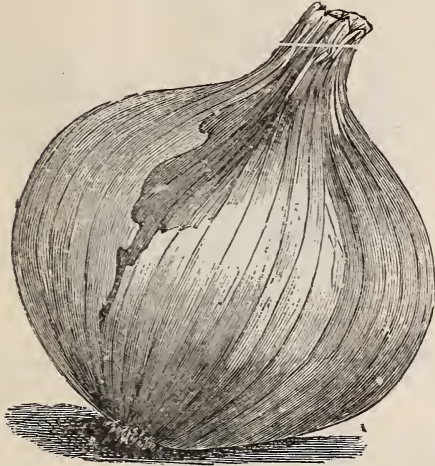
Ohio Yellow Globe. A thoroughbred globe onion. The bulbs are large, of very attractive shape, small necks, and never grow a scullion; solid, heavy and of bright yellow color. Ripens early and uniformly. An unsurpassed strain; greatest care is used in the selection of bulbs for seed production.
5 lbs. \$1.25 per lb., oz. .20, ¼ lb. .40, lb. 1.40

ONION.—CONTINUED.

Yellow Dutch or Strasburg. The most popular variety for sets; full sized onions somewhat flat. An excellent keeper; skin bright yellow.

oz. .15, ¼ lb. .35, lb. 1.25

Large Red Wethersfield. The best red onion; of large size and splendid form. .oz. .15, ¼ lb. .40, lb. 1.50



Prizetaker Onion.

Early White Queen. Of remarkably quick growth; a good keeper; valuable for pickles.

oz. .20, ¼ lb. .60, lb. 2.00

Round White Hard Dutch. Small round, white, compact and hard. .oz. .20, ¼ lb. .50, lb. 1.75

Large White Globe. Globe shaped, firm, fine grained; abundant yielder. .oz. .20, ¼ lb. .60, lb. 2.25

White Portugal. Silvery white skin; handsome. For sets or for pickling. .oz. .20, ¼ lb. .60, lb. 2.00

Mammoth Silver King. Silvery white, Italian variety; somewhat flat. .oz. .20, ¼ lb. .50, lb. 1.75

Prizetaker. The largest and handsomest yellow onion; very mild. .oz. .15, ¼ lb. .40, lb. 1.50

CHOICE ONION SEED.

With no crop is there more importance of planting good seed than with onions. Do not be led into purchasing old seed which may be offered at cheap prices. Our onion seed is all crop of 1899 and first-class in all respects.

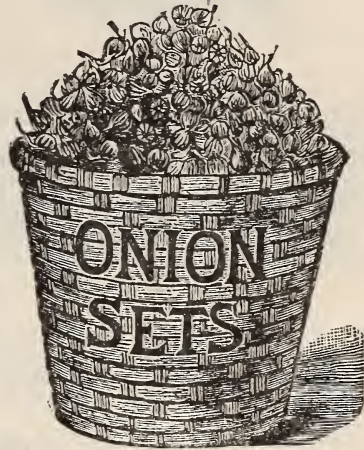
Special Prices for Large Quantities.

ONION SETS.

Egyptian or Perennial Tree Onions. Perfectly hardy; productive.qt. .10, bu. 1.00

Yellow Bottom Sets. Make splendid green onions early in spring.qt. .15, bu. 3.00

White Bottom Sets. Produce handsome white onions early in the season.qt. .20, bu. 3.75



Top or Button Onions. The sets produce a large onion; ripen early.qt. .20, bu. 4.00

Potato Onions. Large size, mild and pleasant; very early and productive.qt. .15, bu. 3.00

White Multiplier Onions. Make nice green onions for early spring use; very productive.qt. .25, bu. 4.00

Shallots.qt. .25

Prices on Onion Sets by the bushel are subject to market changes. Quart rates here named will hold good throughout the season, or as long as our stock lasts.

Get latest market prices on quantities of one bushel or over, before you buy.



Sugar, or Hollow Crown Parsnip.

OKRA OR GOMBO.

Per packet, 5 cts.

Oz. ¼ lb. Lb.

White Velvet. A great improvement over other varieties; pods larger, white, very smooth; an abundant bearer; of superior quality.10 .20 .60

PARSNIP.

Per packet, 5 cts.

Sugar or Hollow Crown. Considered the best parsnip for general cultivation. Smooth, tender and sugary10 .15 .50



Okra.

PARSLEY.

Per packet, any variety, 5 cts.

Plain Leaved. The hardiest variety; leaves plain or singleoz. .10, ¼ lb. .15, lb. .50

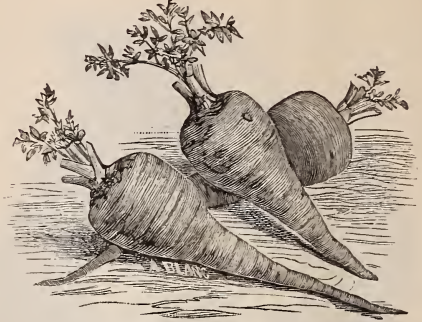


Double Curled Parsley.

Double Curled. Dwarf and finely curled; desirable for garnishing.....oz. .10, ¼ lb. .20, lb. .60

Moss Curled. Compact growing, finely curled, handsome and attractive.....oz. .10, ¼ lb. .20, lb. .60

Beauty of the Parterre. Perfectly distinct. Most beautiful sort for edging and equally good as a condiment.....oz. .10, ¼ lb. .25, lb. .75



Long Rooted or Hamburg Parsley.

Long Rooted or Hamburg. Forms a root much like a parsnip.....oz. .10, ¼ lb. .15, lb. .50

PEAS.

EXTRA EARLY SORTS.

Maud S. Earlier and more productive than any other. qt. .20, 2 qts. .35, pk. .75, bu. 2.50

First and Best. Stocky, vigorous and exceedingly productive.....qt. .20, 2 qts. .35, pk. .75, bu. 2.50



Maud S. Peas.

Rural New Yorker. Very early, robust, prolific; ripens uniformly.....qt. .20, 2 qts. .35, pk. .75, bu. 2.50

Landreth's Extra Early. An excellent and well-known variety.....qt. .20, 2 qts. .35, pk. .75, bu. 2.50

Hancock. Extra early, productive, vigorous; a favorite sort....qt. .20, 2 qts. .35, pk. .75, bu. 2.50

Alaska. Very early blue pea; uniform in growth. qt. .25, 2 qts. .40, pk. 1.00, bu. 3.50

McLean's Little Gem. Dwarf, green wrinkled; early; 16 inches high, qt. .25, 2 qts. .40, pk. 1.00, bu. 3.75

Premium Gem. Early, green wrinkled, one foot high; prolific.....qt. .25, 2 qts. .40, pk. 1.00, bu. 3.75

American Wonder. About nine inches high; finest quality.....qt. .25, 2 qts. .40, pk. 1.25, bu. 4.50

Nott's Excelsior. A new variety; extra early; wrinkled; dwarf. qt. .25, 2 qts. .40, pk. 1.25, bu. 4.50



Nott's Excelsior Peas.

Gradus. A new first early and hardy wrinkled variety, of the highest type of perfection; vines are vigorous and grow 2½ feet high; immense pods, as large as those of Telephone, uniformly well shaped and handsome, containing 6 to 8 large peas of splendid quality and beautiful color, which they retain after cooking....qt. .35, 2 qts. .60, pk. 2.00

PEAS. All varieties, per packet of 2 ounces 5c.; if sent by mail add 8c. per pint, 15c. per quart, to prices named.

PEAS.—CONTINUED.

SECOND EARLY VARIETIES.

- Tilton's Cleveland Market.** Valuable main crop pea; vigorous, hardy, and a magnificent cropper, 3½ ft. high. Large well-filled pods; large peas.
qt. .25, 2 qts. .40, pk. 1.10, bu. 4.00
- Heroine.** Long, handsome, well-filled pods; 2½ ft. high; productive. qt. .25, 2 qts. .40, pk. 1.00, bu. 3.50
- Dwarf Telephone.** A grand new pea, which, under best culture, will grow only 18 inches high; of dwarf, stocky habit, healthy, vigorous growth, and very productive; remarkably uniform in height, with almost no tendency to sport; in season, medium, from 5 to 7 days earlier than Stratagem. Pods long, broad, well filled, thick, and of good lasting quality for market purposes. Peas are of very large size, tender, and of delicious flavor.
qt. .35, 2 qts. .60, pk. 2.00



Sharpe's Queen Peas.

- Dwarf Champion.** A dwarf Champion of England; large pods. qt. .20, 2 qts. .35, pk. .80, bu. 3.00
- McLean's Advancer.** A standard sort; immense yielder. qt. .20, 2 qts. .35, pk. .80, bu. 3.00
- Horsford's Market Garden.** Two feet high; a grand wrinkled variety. qt. .20, 2 qts. .35, pk. .80, bu. 3.00

Our Peas are all Northern grown and are of the very best quality; raised from the best stocks and the crops are carefully "rogued," being subjected to the most critical inspection.

Special quotations to buyers of large quantities.

- Bliss' Everbearing.** Of strong branching character; height 2 ft.; long pods and large peas.
qt. .25, 2 qts. .40, pk. 1.00, bu. 3.50
- Duke of York.** A splendid medium early wrinkled pea, similar to Telephone, but of dwarfer habit, a week or ten days earlier, having the same large handsome pods, and superior quality and flavor of the peas.
qt. .25, 2 qts. .40, pk. 1.25, bu. 4.50
- Fillbasket.** One of the best; popular with market gardeners; heavy cropper, 3½ ft. high.
qt. .25, 2 qts. .40, pk. 1.00, bu. 3.50
- Shropshire Hero.** Very productive; large, handsome, well-filled pods; height 2½ feet.
qt. .25, 2 qts. .40, pk. 1.00, bu. 3.50
- Yorkshire Hero.** A stout branching variety; two feet high qt. .25, 2 qts. .40, pk. 1.00, bu. 3.50
- Paragon.** Height of vine 3 feet; seeds white, wrinkled; heavy cropper.
qt. .20, 2 qts. .35, pk. .80, bu. 3.00
- Telephone.** Immensely productive; large pods; finest quality; 4 feet high.
qt. .25, 2 qts. .40, pk. 1.10, bu. 4.00

LATE SORTS.

- Champion of England.** Finest quality of any pea in cultivation. qt. .20, 2 qts. .35, pk. .75, bu. 2.75
- Improved Stratagem.** Vines medium height; immense pods; fine quality.
qt. .25, 2 qts. .40, pk. 1.25, bu. 4.50
- Sharpe's Queen.** Pods very large and handsome; an excellent main crop sort.
qt. .25, 2 qts. .40, pk. 1.10, bu. 4.00
- Pride of the Market.** Very large pods; green peas; 1½ to 2 feet high. qt. .25, 2 qts. .40, pk. 1.25, bu. 4.50
- Large White Marrowfat.** Cultivated extensively for summer crop. Five feet high.
qt. .15, 2 qts. .25, pk. .50, bu. 1.75
- Large Black Eyed Marrowfat.** Similar to White Marrowfat; hardy and prolific.
qt. .15, 2 qts. .25, pk. .50, bu. 1.75

EDIBLE PODDED SORTS.

- Melting Sugar.** Pods large, straight, tender and fine flavored. qt. .30, 2 qts. .50, pk. 1.50, bu. 5.00
- Field Peas.** See Miscellaneous Farm Seeds, page 21.

PEPPER.

Per packet, any variety, 5 cts.

- | | | | |
|---|--|-------|----------|
| Sweet Spanish. Large, early, sweet, mild; well suited to use as a stuffed pickle. | Oz. 2 oz. | ¼ lb. | Lb. |
| Sweet Mountain. The best for pickling; large, early, of mild flavor. | .25 | .40 | .75 2.50 |
| Ruby King. Largest size, handsome shape, bright colored | .25 | .40 | .75 2.50 |
| Large Bell or Bull Nose. A very large early sort; flesh thick and mild. | .25 | .40 | .75 2.50 |
| Large Squash. Tomato shaped; generally grown for pickling.
oz. .25, 2 ozs. .40, ¼ lb. .75, lb. 2.50 | | | |
| Monstrous. Peppers six to eight inches long; very sweet flavor.
oz. .25, 2 ozs. .40, ¼ lb. .75, lb. 2.50 | | | |
| Long Red Cayenne. Long, slim, pointed; when ripe bright red; extremely strong and pungent.
oz. .25, 2 ozs. .40, ¼ lb. .75, lb. 2.50 | | | |
| Small Chili Red. Very small, bright red; used for seasoning and pepper-sauce | oz. .25, 2 ozs. .40, ¼ lb. .75, lb. 2.50 | | |



Large Bell or Bull Nose Pepper.



Long Red Cayenne Pepper.



Ruby King Pepper.

POTATOES.

Our seed potatoes are Northern grown. They are grown for us from genuine stock in Northern New York, especially for seed. The soil is gravelly loam, and lies high and rolling, and contains all the elements necessary to produce potatoes in perfection. The advantages from such seed are, early maturity, increased yield, vigorous growth, with vitality to resist disease.

Beware of small barrels. Some dealers send out small sized barrels containing hardly two and one-half bushels. Our barrels are large size, well shook and headed, and contain about 170 pounds of potatoes. No charge for barrels or cartage.



Early Sunrise. Early, productive; flesh white and fine grainedpk., .35, bu., 1.25, bbl., 3.50

Early Puritan. White skin and flesh; shallow eyes; very productive.....pk., .40, bu., 1.40, bbl., 3.75

Early Ohio. Tubers round or oblong; of vigorous growth and excellent quality.
pk., .40, bu., 1.40, bbl., 3.75

Beauty of Hebron. Resembles the Early Rose; early and of fine quality.....pk., .35, bu., 1.25, bbl. 3.50

State of Maine. Mid-season, large, white and of good quality; heavy yielder..pk., .35, bu., 1.25, bbl., 3.25

Sir William. Medium late, good size, white; a heavy cropper and recommended as one of the best drouth-resisting potatoes now grown.
pk., .35, bu., 1.25, bbl., 3.25

Carman No. 1. A distinct variety; second early; uniform size, immense yielder.
pk., .35, bu., 1.25, bbl., 3.25

Carman No. 3. One of the best late varieties ever introduced; an immense yielder; large handsome tubers; oblong, slightly flattened, white.
pk., .35, bu., 1.25, bbl., 3.25

Improved Green Mountain. Free yielder; tubers large, smooth, white; a good keeper.
pk., .35, bu., 1.25, bbl., 3.25

Early Rose. The most popular early potato; of fine quality.....pk., .35, bu., 1.25, bbl., 3.50

Early Harvest. Extra early; heavy yielder; tubers large, nearly white, with very shallow eyes. Excellent quality.....pk., .40, bu., 1.40, bbl., 3.75

Early Six Weeks. One of the earliest, yields well; color light pink; flesh white and floury.
pk., .40, bu., 1.40, bbl., 3.75

Bovee. A first early that out-yields all other early sorts. Vigorous grower and remarkable keeper.
pk., .50, bu., 1.50, bbl., 4.00

At the above prices, express and freight charges are to be paid by the purchaser. As the price of potatoes is governed by the market, the above quotations are but nominal, but are believed to be about the prices that will rule in the spring.



Connecticut Field Pumpkin.

PUMPKIN.

Per packet, any variety, 5c.

Calhoun. Excels all others in quality as a pumpkin for pies.
oz. .10, ¼ lb. .20, lb. .60

Connecticut Field. Very productive, large yellow; grown for stock feeding.
5 lbs. 20c. per lb., oz. .05, ¼ lb. .10, lb. .25

Large Cheese. Fruit large, flat, deeply ribbed; hardy, productive.
oz. .10, ¼ lb. .15, lb. .50

King of the Mammoths. A giant pumpkin; round, flat, slightly ribbed; bright yellow. For stock feeding or pies; keeps well.
oz. .10, ¼ lb. .25, lb. .75

RADISH.

Per packet, any variety, 5 cts.

Glass. The most valuable sort for forcing; half long; rose pink. 5 lbs., 40c. per lb.
oz., .10, ¼ lb., .15, lb., .50

Rosy Gem. For forcing or open ground culture; globe shaped, deep scarlet.
oz., .10, ¼ lb., .15, lb., .50

Non Plus Ultra. The earliest of all forcing radishes. Root round; bright scarlet.
oz., .10, ¼ lb., .15, lb., .50

Early Scarlet Prussian Globe. Root round; for forcing; carmine.....oz., .10, ¼ lb., .15, lb., .50

Early Scarlet Turnip Rooted. Quick growth; small top; early.....oz., .10, ¼ lb., .15, lb., .50

Early Scarlet Turnip, White Tipped, Forcing. A forcing strain of above variety..oz., .10, ¼ lb., .15, lb., .50



Early Scarlet White Tipped Turnip Radish.



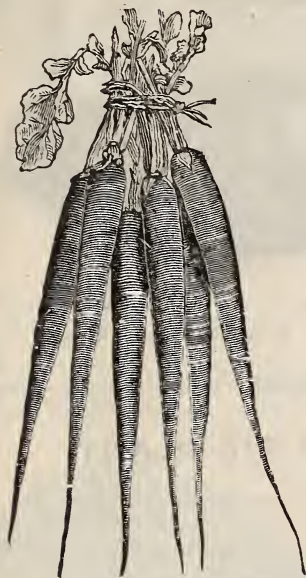
Glass Radish.

RADISH.—CONTINUED.

Early Round Deep Scarlet. Similar to Early Scarlet Turnip Rooted, but of darker color,

oz., .10, ¼ lb., .15, lb., .50

Early Scarlet Turnip, White Tipped. Beautiful; deep scarlet with white tip.oz., .10, ¼ lb., .15, lb., .50



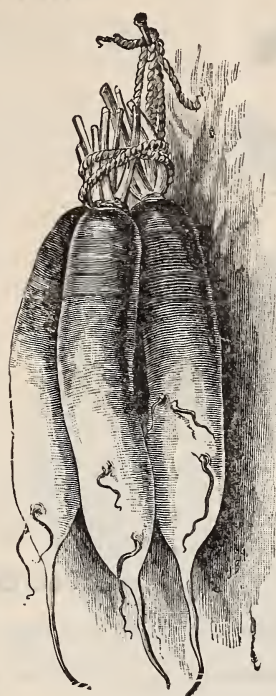
Early Long Scarlet Radish.

Early White Turnip Rooted. Pure white; small top, oz., .10, ¼ lb., .15, lb., .50

Wonderful Half Long Red. Bright scarlet color; rapid groweroz., .10, ¼ lb., .15, lb., .50

Long Brightest Scarlet. Outsells all others; scarlet, tipped white.oz., .10, ¼ lb., .15, lb., .50

Wood's Early Frame. Long red, small top; for forcing.oz., .10, ¼ lb., .15, lb., .50



Improved Chartier Radish.



Burpee's Surprise Radish.

Early Long Scarlet, Short Top. Very long, straight and smooth. 5 lbs., 35c. per lb.

oz., .10, ¼ lb., .15, lb., .40

French Breakfast. Medium sized; olive shaped, scarlet with white tip.oz., .10, ¼ lb., .15, lb., .50

Cincinnati Market. The finest long red radish for forcing. Very attractive; small tops, oz., .10, ¼ lb., .15, lb., .50

SUMMER VARIETIES.

Chartier. Best for early outdoor sowing; roots large; rose, shading to whiteoz., .10, ¼ lb., .15, lb., .50

Long White Vienna or Lady Finger. Long white; beautiful, 5 lbs., .40c. per lb.; oz., .10, ¼ lb., .15, lb., .50

Large White Summer Turnip. Early; root round, smooth, handsome.oz., .10, ¼ lb., .15, lb., .50

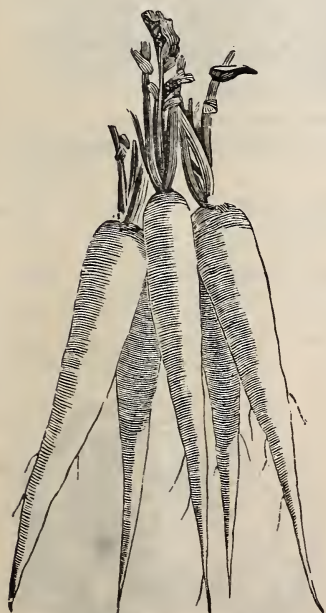
Gray Summer Turnip. Globe shaped; gray colored skin; flesh white.oz., .10, ¼ lb., .15, lb., .50

Golden Globe. Quick growth; produces tender radishes in the hottest climates, oz., .10, ¼ lb., .15, lb., .50

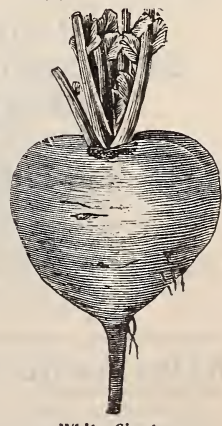
Burpee's Surprise. Of early, quick growth; thin, light brown skin.oz., .10, ¼ lb., .15, lb., .50

White Strasburg. Large summer sort; roots five or six inches long.oz., .10, ¼ lb., .15, lb., .50

White Giant Stuttgart. Large top shaped roots; flesh white and crisp.oz., .10, ¼ lb., .15, lb., .50

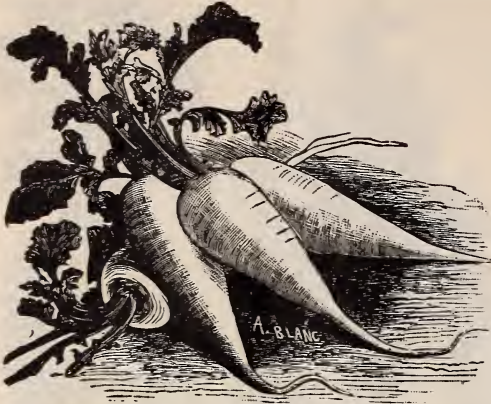


Long White Vienna Radish.



White Giant Stuttgart Radish.

RADISH.—CONTINUED.
WINTER VARIETIES.



White Strasburg Radish.

Scarlet China. Form cylindrical, or large at the bottom; skin smooth and of bright rose color.
oz., .10, ¼ lb., .20, lb., .60

California Mammoth White. Very large, white winter variety.....oz., .10, ¼ lb., .15, lb., .50



Round Black Spanish Radish.

Round Black Spanish. Roots round or top shaped; flesh white.....oz., .10, ¼ lb., .15, lb., .50

Long White Spanish. Long, thick roots; flesh white, solid.....oz., .10, ¼ lb., .15, lb., .50

Long Black Spanish. Best for winter; roots oblong, black; very large.....oz., .10, ¼ lb., .15, lb., .50

RHUBARB OR PIE PLANT.

Per packet 5 cts.

Linnaeus. The earliest variety grown; stalks medium size and numerous.

oz., .10, ¼ lb., .30, lb., 1.00

Victoria. Stalks very tall and large. Very productive.....oz., .10, ¼ lb., .30, lb., 1.00



Scarlet China Radish.

SPINACH.

Round Thick Leaved. Large, thick fleshy leaves; a favorite variety, 5 lbs., 1.00, 10 lbs., 1.75.

oz., .05, ¼ lb., .10, lb., .25

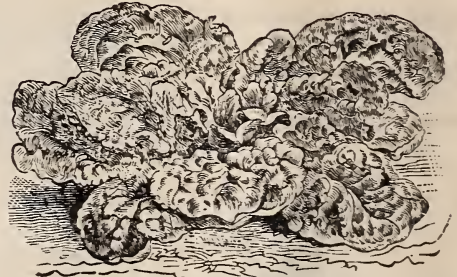
Savoy Leaved. Leaves numerous, curled and wrinkled; very hardy, 5 lbs., 1.00, 10 lbs., 1.75.

oz., .05, ¼ lb., .10, lb., .25

Long Standing. Stands a long time before going to seed; splendid for spring sowing. 5 lbs., 1.00, 10 lbs., 1.75.

oz., .05, ¼ lb., .10, lb., .25

Victoria. A new variety distinguished by the dark green color of its leaves and also for its long standing qualities. 5 lbs., 1.00, 10 lbs., 1.75.....oz., .05, ¼ lb., .10, lb., .25



Round Thick Leaved Spinach.

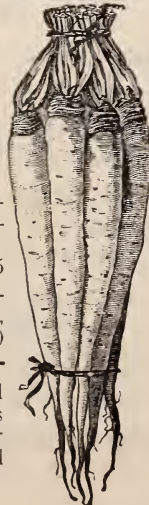
Special Prices on Spinach Seed in large quantities.

**SALSIFY
OR VEGETABLE
OYSTER.**

Per packet, 5 cents.

Mammoth Sandwich Island. An improved variety; of large size, uniform growth, superior quality.
oz., .10, ¼ lb., .35, lb., 1.25

Long White. A favorite market variety; of good flavor, fine quality.
oz., .10, ¼ lb., .30, lb., 1.00



Salsify.

We Pay Postage on Flower and Vegetable seeds in packets, ounces, two ounces or ¼ pound. For larger quantities add 8c. per pound to cover postage.

SQUASH.

Per packet, any variety, 5 cts.

Tilton's Extra Large Golden Bush. Largest and best summer squash grown; scalloped; yellow.

oz., .10, ¼ lb., .20, lb., .75

Giant Summer Crookneck. Early, extra large; very productive.....oz., .10, ¼ lb., .20, lb., .75

Early Orange Marrow.

Two weeks earlier than Boston Marrow, oz., .10, ¼ lb., .15, lb., .50

Boston Marrow.

Fall and winter variety; bright orange, flesh yellow and fine, oz., .10, ¼ lb., .15, lb., .50



Tilton's Extra Large Golden Bush Squash.

SQUASH.—CONTINUED.



Boston Marrow Squash.

Improved Hubbard. Best winter squash known; fine grained and dry; our strain is excellent, 5 lbs., 40c. per lb.....oz., .10, ¼ lb., .15, lb., .50

Warted Hubbard. Large, blackish green; very hard shell, covered with warty knobs, which is a marked characteristic; excellent keeper, oz., .10, ¼ lb., .20, lb., .60



Improved Hubbard Squash.

Golden Hubbard. Perfect type of the green Hubbard except in color, which is deep orange yellow; very attractive.....oz., .10, ¼ lb., .20, lb., .75

TOBACCO.

Per packet, 5 cts.

Connecticut Seed Leaf. Best variety for the Northern States.....oz., .25, 2 oz., .40, ¼ lb., .75

Havana. Pure Cuban grown seed, oz., .40, 2 oz., .75, ¼ lb., 1.00

TOMATO.

Per packet, any variety, 5 cts.

Acme. Popular market sort. Purplish pink color; ripen evenly,

oz., .20, 2 oz., .35, ¼ lb., .50, lb., 1.75

Atlantic Prize. Extra early; fruit large, smooth, bright red, oz., .20, 2 oz., .35, ¼ lb., .50, lb., 1.75

Buckeye State. Very large, solid, productive; bright redoz., .20, 2 oz., .35, ¼ lb., .50, lb., 1.75

Dwarf Aristocrat. Large, smooth, solid; rich red color; vine erect, strong,

oz., .20, 2 oz., .35, ¼ lb., .50, lb., 1.50

Dwarf Champion. Plant dwarf, compact, upright. Fruit resembles the Acme.

oz., .20, 2 oz., .35, ¼ lb., .50, lb., 1.75

Honor Bright. Remarkably solid; long keeper; bright red; fine quality.

oz., .20, 2 oz., .35, ¼ lb., .50, lb. 1.75

Livingston's Beauty. Large, smooth, regular form, purplish pink color; good yield; a great favorite.

oz., .20, 2 oz., .35, ¼ lb., .50, lb. 1.75

Livingston's Favorite. Fruit red, very firm; exceedingly smooth.oz., .20, 2 oz., .35, ¼ lb., .50, lb., 1.50

Livingston's Perfection. Larger than Acme, early, round, deep red, heavy cropper

oz., .20, 2 oz., .35, ¼ lb., .50, lb., 1.50



Matchless. Largest size, smooth, handsome; cardinal red; very solid.

oz., .20, 2 oz., .35, ¼ lb., .50, lb., 1.75

Stone. Large, smooth, solid, bright scarlet; excellent shipper. .oz., .20, 2 oz., .35, ¼ lb., .50, lb., 1.75

Red Pear Shaped. Fruit bright red, pear shaped; used for preserves.oz., .20, 2 oz., .35, ¼ lb., .60, lb., 2.00

Yellow Plum. Plum shaped; deep yellow; much liked for preserves. .oz., .20, 2 oz., .35, ¼ lb., .60, lb., 2.00

TURNIP.

Per packet, any variety, 5 cts.

Early Snowball. Medium sized, round, pure white; excellent for table use. Matures in six weeks from time of sowing...oz., .10, ¼ lb., .15, lb., .40



Extra Early Purple Top Milan Turnip.

Extra Early Purple Top Milan. The earliest of all; pure white with clear purple top; desirable for forcing. oz., .10, ¼ lb., .25, lb., .80

Early Purple Top, Strap Leaved. Medium sized, flat, small tops.....oz., .10, ¼ lb., .15, lb., .40

TURNIP.—CONTINUED.

Early Purple Top Munich. White, with bright purple-red top; flat.

oz. .10, ¼ lb., .15, lb., .40

Early White Flat Dutch. Quick growth; excellent quality.
oz., .10, ¼ lb., .15, lb., .40

Red Top White Globe. Globe shaped; of beautiful appearance; a fine market sort...oz., .10, ¼ lb., .15, lb., .40

White Egg. Perfectly smooth, egg shaped, pure white.
oz., .10, ¼ lb., .15, lb., .40

Pomeranian White Globe. Very productive; grows to a large sizeoz., .10, ¼ lb., .15, lb., .40

Large White Norfolk. Globular, white; extensively grown for stock feeding.....oz., .10, ¼ lb., .15, lb., .40

Large Amber Globe. Yellow with green top; good cropper; large.....oz., .10, ¼ lb., .15, lb., .40

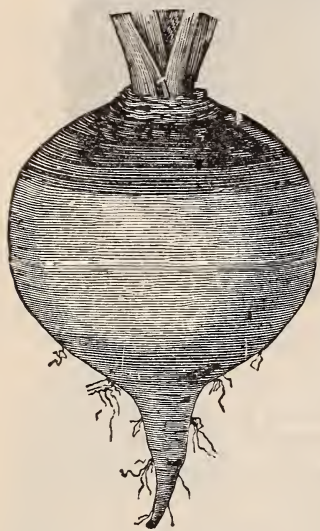
Orange Jelly or Golden Ball. Not large, but firm, hard and sweetoz., .10, ¼ lb., .15, lb., .40



Early Purple Top Strap Leaved Turnip.



Red Top, White Globe Turnip.



Prize Winner Ruta Baga.

SWEDES OR RUTA BAGAS.

Prize Winner. Purple topped; large size, hardy, sure cropper.....oz., .10, ¼ lb., .15, lb., .40

Improved Purple Top Yellow. Hardy and productive.
oz., .10, ¼ lb., .15, lb., .40

Sweet Russian or White. Excellent for table or stock; flesh white.....oz., .10, ¼ lb., .15, lb., .40



White Egg Turnip.

HERBS.

Per packet, any variety, 5 cts.

Anise. Aromatic seeds...oz., .10, ¼ lb., .20, lb., .75

Borage. The leaves are used as a salad.
oz., .10, ¼ lb., .30, lb., 1.00

Caraway. The seeds are used in confectionery, cakes, etc.
oz., .10, ¼ lb., .15, lb., .50

Coriander. Aromatic seeds which are used in confectionery, etc.
oz., .10, ¼ lb., .15, lb., .50

	Oz.	¼ lb.	Lb.
Dill. Sometimes used in pickles to heighten the flavor .....	.10	.15	.50
Lavender. An aromatic herb, used for the distillation of lavender water.....	.15	.40	1.50
Saffron. Cultivated for its flowers.....	.10	.30	1.00
Sage, Broad Leaf. Used for flavoring and dressing.....	.15	.40	1.50



Sweet Basil.

Sage.

Sweet Marjoram.

Summer Savory.

Thyme.

Sweet Basil. Seeds and stems used in soups and sauces .....	.15	.40	1.50
Sweet Fennel. Leaves and seeds used in flavoring, etc. ....	.10	.30	1.00
Sweet Marjoram. Tops used for flavoring .....	.15	.40	1.50
Summer Savory. Dried leaves and stems used for flavoring .....	.10	.30	1.00
Thyme. Used for medicinal and culinary purposes.....	.25	.75	2.50

BIRD SEED, ETC.

	Per Lb.		Per Lb.
Mixed Canary, Rape and Millet.....	\$0 08	Maw or Poppy Seed.....	\$0 15
Canary, Best Sicily.....	08	Lettuce Seed for Birds.....	30
Hemp	08	Rough Rice	10
Rape	08	Vetches for Pigeons.....	10
Millet	08	Cuttle Fish Bone	50
Sunflower Seed	10	Crystal Lime Bird Gravel, 3 lb. box.....	10

CLOVER SEEDS.

As prices on Clover and Grass seeds are almost daily varying, we do not give quotations, but will gladly quote prices and mail sample at any time, upon application.

Medium or Common Red. The most important of all varieties for the practical purposes of agriculture; sow in spring or fall.....Market price.

Mammoth Pea-Vine or Large Red. Grows tall, with coarse stalks; used almost exclusively for plowing under. Market price.

Alsike or Swedish. Of fine luxuriant growth; numerous globular heads; very sweet and fragrant...Market price.

Scarlet or Crimson. An annual, with scarlet blossom, 2 inches long; sown late in summer, it furnishes an early green fodder the following season.....Market price.

Lucerne or Alfalfa. Has an immense penetrating root and when once established produces a profitable crop for from five to twelve years. Requires a deep rich soil. Market price.

White Dutch. A small creeping, spreading perennial variety, valuable for pastures and lawns.....per lb. 25 cts.



Scarlet, or Crimson Clover.

GRASS SEEDS.

Timothy. The most valuable of all the grasses for hay. Market price.

Orchard Grass. A valuable pasture grass; ripens with Red Clover.....Market price.

Red Top. A valuable permanent grass as a mixture in meadows, pastures or lawns.....Market price.

Kentucky Blue Grass. Invaluable for pastures and lawns.....Market price.

Meadow Fescue or English Blue Grass. A highly valuable species for permanent grass land. Market price.

Crested Dog's Tail Grass. Excellent for sheep pasture; also valuable for lawns.....per lb. 35 cts.

Rhode Island Bent Grass. Valuable for lawns and pastures.....per lb. 25 cts.

Creeping Bent Grass. Valuable as a mixture with other pasture grasses.....per lb. 25 cts.

Wood Meadow Grass. The best variety for sowing in shaded situations; for hay or pasture, and for parks or pleasure grounds.....per lb. 30 cts.

Sweet Vernal. Perennial variety. For use in pasture mixtures and for lawns; very fragrant. per lb., 50 cts.

German or Golden Millet. An improved variety; closely condensed heads, numerous spikes; golden yellow seeds; grows 3 to 5 feet high. Market price.

Common Millet. Grows 2½ to 4 feet high, with a fine bulk of stalks and leaves.....Market price.

Hungarian Grass. A species of millet, growing less rank, with smaller stalks.....Market price.

MISCELLANEOUS FARM SEEDS.

Prices subject to market fluctuations.

Barley, Common. Sow from 2 to 2½ bushels per acre.....per bu., \$1.25

Buckwheat, Common. Sow broadcast about the 20th of June.....per bu., 90 cts.

Buckwheat, Silver Hull. An improved variety, much better than the old sort.....per bu., \$1.20

Buckwheat, Japanese. The grain is much larger and has a thinner hull than other varieties. per bu., \$1.00

Flax, Russian. The seed is larger and contains more oil than the Common Flax. per lb., 10 cts.; bu., \$2.00

Hemp. Sow broadcast, one-half bushel to the acre. per bu., \$2.50

Sunflower, Large Russian. Has larger heads and stalks and produces more seed than the common sort.....per lb., 10 cts.; 100 lbs., \$5.00

Sugar Cane, Early Amber. Culture same as for corn. per lb., 10 cts.; 100 lbs., \$5.00

Dwarf Essex Rape. A forage plant of highest value. Can be sown in April for an early crop, and for fall crop in July, August and September. It is of very rapid growth, being ready to feed in ten weeks from sowing. Sheep, hogs or cattle gain weight faster on this than on any other fodder, and a large crop is secured at a nominal cost. Sow broadcast, 6 lbs. per acre, or in rows 2½ feet apart at rate of 3 lbs. per acre. per lb., 15 cts.; 100 lbs., \$10.00

Field Peas. Sow broadcast or in drills, about three bushels per acre.....per bu., \$1.00

Vetches. For spring or fall sowing. Grown mostly for a forage crop. Culture same as field peas; 2 bushels per acre.....per bu., \$3.50

Cow Peas. Valuable as a fodder plant, sheep being very fond of them when in flower; their chief value, however, is as a green crop to plow under. Sow in May or June, 1 to 1½ bu. to the acre and plow under as soon as they have attained their full growth.....per bu., \$1.50

SELECT LIST OF Choice Flower Seeds.

In this list we describe the leading flowers grown from seed. The varieties offered are arranged alphabetically, principally under the scientific name, but in some cases by the popular or common name. Our flower seeds are of the very best quality; many are grown for us under contract by the best growers in America, while all foreign grown varieties are of our own importation direct from the most reliable growers in Europe, who, on account of their integrity, special facilities and location, are able to produce the different varieties to their greatest perfection. Most varieties are furnished in superb lithographed packets; on the face of each packet is a carefully colored portrait of a flower or flowers of the species, while on the reverse side is given a much reduced figure of the whole plant in flower.

Cultural directions in English, German and French accompany each packet.

All flowers raised from seed are known as Annuals, Biennials and Perennials. Each of these classes is again divided into two classes, viz.: the hardy and half-hardy, or tender kinds.

Annuals are those plants which flower, or ripen their seeds or fruits the season they are sown, and then perish.

Hardy Annuals require no artificial heat at any period of their growth; every stage of their development, from germination to ripening of the seed, being passed in the open ground. They are the most easily cultivated of all plants.

Half-Hardy Annuals flower and ripen their seeds in the open air, but need the assistance of artificial heat in the earlier stages of their growth.

Biennials are those plants that grow from seed one year, bloom and die the next, though some varieties bloom the first season if sown early.

Hardy Biennials can remain in the open ground all winter; they require no protection.

Half-Hardy Biennials require protection and should be started in the frame or cool house and transferred to the open ground in spring after danger from frost.

Perennials are those plants which last for several years, flowering annually after the first season. Some varieties bloom the first season if started early.

Hardy Perennials can remain in a permanent situation in the open ground; they require no protection.

Half-Hardy Perennials require to be well protected, some varieties requiring such protection as is afforded by a greenhouse or dry cellar.

SPECIAL INDUCEMENTS.

We offer the following liberal inducements to purchasers of Flower Seeds in packets when cash accompanies the order:

For \$1.00, Select Flower Seeds to amount of..... \$1.30	For \$4.00, Select Flower Seeds to amount of..... \$5.60
“ 2.00, “ “ “ “ “..... 2.70	“ 5.00, “ “ “ “ “..... 7.00
“ 3.00, “ “ “ “ “..... 4.00	“ 10.00, “ “ “ “ “..... 15.00

This special offer is for Flower Seeds in packets at regular Catalogue prices and does not apply to collections or seeds by weight.

The figures at the right opposite each variety denote the price, in cents, per packet.

AGERATUM.



Ageratum. Mexicanum. Dwarf.

A hardy annual, desirable for cut flowers, or in borders, flowering continually and profusely.

Ageratum Mexicanum. Light blue, two feet high. Per oz., 30c..... .05

Mexicanum. Albiflorum. White, two feet high. Per oz., 40c..... .05

Mexicanum. Nanum. Dwarf, blue, eight inches high. Per oz., 50c..... .05

Mexicanum. Nanum Albiflorum. Dwarf, white, eight inches high. Per oz., 50c..... .05

Mexicanum. Mixed. Seeds of above varieties mixed. Per oz., 25c..... .05

ALTHÆA.—See *Hollyhock*.

ALYSSUM.

A desirable hardy annual, flowering from early spring till killed by frost, and all winter in the greenhouse, if sown in August. Flowers pure white, in racemes, and of a peculiar delicate fragrance. Most effective in masses, with plants one foot apart. Useful in all kinds of small bouquets. Grows one foot high.

Alyssum. Benthami (Maritimum.) Sweet Alyssum, white. Per oz., 25c..... .05



Sweet Alyssum.

Benthami. Compactum (Erectum.) More dwarf and compact; known as Tom Thumb Sweet Alyssum. Per oz., 40c..... .05

Little Gem. Very dwarf, four to six inches high, each plant covering a space 15 to 30 inches in diameter. Per oz., 60c..... .05

AMARANTHUS.

Well known annuals; very ornamental, of rapid growth and easy culture.

Amaranthus. Caudatus. (Love-lies-bleeding), long, dark red; drooping flower spikes..... .05

Tricolor. (Joseph's Coat), beautiful show plants for summer bedding, growing two to three feet high. Leaves red, yellow and green..... .05

ANTIRRHINUM --*Snap Dragon*.

The Antirrhinum is an old favorite border plant, with dark and glossy leaves, and large, curiously shaped flowers with finely marked throats. Blossoms the first season from seed sown in the spring, but the blossom will be much stronger the second season. Succeeds best in dry, loamy soil. Tender perennial, one and one-half to two feet high.

Antirrhinum. Majus. Tall varieties, mixed..... .05

AQUILEGIA.—*Columbine.*

Hardy perennial plants, growing from one and one-half to three feet high, bearing in profusion large drooping flowers of novel shape and great variety of colors. Very ornamental and among the best of hardy border plants. May be propagated by dividing the roots.

Aquilegia, Vulgaris, fl. pl. Double varieties, mixed05

ASTER.—*Callistephus Chinensis.*

Among the many annuals now in cultivation, Asters are the most popular. There are few flowers that combine so much beauty, variety of habit, form and color, and few are easier grown. They are favorites for bedding, bordering or pot culture, but to see them in their beauty should be grown in masses and well cultivated, not at any stage left to poor culture. For summer and autumn flowering they are unexcelled. The seed we offer comes from the most celebrated German growers, and has been saved from the best double flowers.



Aster, Dwarf Chrysanthemum Flowered.

Aster, Dwarf Chrysanthemum Flowered. Surpasses all the dwarf varieties in size of flowers. They are full and double and produced in clusters of 20 to 30 on a plant. Height, 10 inches. Later than other varieties and therefore valuable for succession.

White10
Finest Mixed10

Queen of the Market. Blooms three weeks earlier than other Asters. Plants are dwarf, very branching, blooming freely; double flowers borne on long stems; excellent for growing under glass.

White10 Light Blue10
Rose10 Dark Blue10
Crimson10 Mixed10

Giant Comet. A superb new class of Asters. The plants are dwarf and of pyramidal growth. Flowers are extremely beautiful, three and one-half to four and one-half inches across, composed of long, wavy, twisted petals which form loose yet dense half globes, much resembling the large flowered Japanese Chrysanthemums.

White, very fine10
"The Bride." White changing to Rose. Very effective10
Finest Mixed10

Princess. A magnificent class similar to the Mignon Aster. A profuse bloomer, a single plant often producing 30 flowers, of half globular form and composed of short, thickly set, imbricated petals, giving them the appearance of a White Lilliput Dahlia. Fine for pot culture. Pure White or "Snowball," one of the finest white Asters; very long bloomer; excellent for florists10
Mixed10

Mignon. An excellent new class resembling in habit, height and form, the Victoria, but a more profuse bloomer. The flowers are of refined form and are particularly valuable for cutting.

Pure White, excellent10
Peach Blossom, beautiful pink10
Crimson10
Light Blue, splendid10
Mixed, a great variety of colors10

Truffaut's Pacony-Flowered Perfection. A magnificent class, with large, fine flowers, three to four inches in diameter, with long, beautifully incurved petals. Forms large compact plants one and one-half to two feet high.

Pure White10 Dark Crimson10
Pink10 Light Blue10
Purple Violet10
Finest Mixed, nearly 30 distinct shades and colors10



Aster, Victoria.

Victoria. This is without doubt the most handsome Aster in cultivation. Flowers are massive and showy, with petals curving out and down and overlapping like petals of the double Dahlia. Height about two feet.

Pure White10
Peach Blossom, beautiful pink10
Dark Scarlet10
Light Blue10
Indigo Blue10
Finest Mixed, contains over 20 colors10

Vick's Branching White. This Aster is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are pure white, four inches and over in diameter; borne on long stems, with broad long petals10

Lady in White. A new strain, producing in great profusion beautifully shaped white flowers of medium size, on plants of graceful habit, and distinctive long leaves15



Aster, Semple's Branching.

Semple's Branching. A choice strain of American grown Asters. The plants are of branching habit; flowers are of perfect form, four to

six inches in diameter, borne on long stems, and equal to early Chrysanthemums, which they much resemble.
 Pure White10
 Pink10
 Lavender Blue10

Crimson10
 Purple10
 Finest Mixed10
 Fine Mixed10

Ball or Jewel. A new and beautiful class of Asters, similar to the Pæony Perfection race, but dwarfer in habit, and with shorter petals and perfectly round flowers.



Aster, Crown.

Crown or Cocardeau. A very showy variety, from one and one-half to two feet high. The large double flowers have a center of purest white, surrounded with petals of a distinct bright color. Mixed..... .10
Dwarf Bouquet. A very pretty class; profuse flowering, producing 20 to 50 heads of bloom, 8 to 12 inches high. Mixed Colors..... .10
Imbricated Pompon. This class has exquisite shaped flowers, very full and double, with narrow petals closely imbricated, forming a most perfect pompon. Excellent for bouquets. Fine mixed10
China. A tall growing variety with large double flowers of globular shape. Plants two feet high. Mixed, embracing a great variety of colors, per oz., 15c..... .05

AURICULA.—See *Primula Auricula*.

BACHELOR'S BUTTON.

A name sometimes applied to *Centaurea Cyanus*, q. v.

BALLOON VINE.—*Cardiospermum*.

A rapid growing, tender, annual climber; succeeds best in light soil and warm situation. Flowers white; seed vessels look like miniature balloons. Per oz., 20c..... .05

BALSAM.—*Impatiens Balsamina*.

Lady Slipper. Touch-me-not. One of the most beautiful of popular summer blooming annuals, forms a showy, bush-like plant one and one-half to two feet high, profusely covered with large double flowers of bright colors.



Balsam, Double.

Double Rose Flowered. An excellent strain, many of the flowers approaching the perfection of the rose in shape and fullness.

Pure White10
 Splendid Mixture, per oz., \$1.00..... .10

Balsam, Camellia Flowered. The flower resembles the Camellia, are often fully as doubled, and are borne in wonderful profusion. Finest mixed, per oz., \$1.00..... .10

Double, Very Fine Mixed. A rich effective mixture of fine double varieties. Per oz., 40c... .05

BELLIS.—*Double Daisy*.

Splendid plants for early spring and summer, flowering in cool, shady places; admirably adapted for edging, borders and low beds, and also suitable for growing in pots. They are easily raised from seed and bloom the first season if started early in the house.



Bellis Perennis.

Bellis Perennis, Alba fl. pl. Extra double white10
Bellis Perennis, fl. pl. Longfellow. Very large pink blooms10

CALCEOLARIA.

An ornamental plant, producing a mass of beautiful pocket-like flowers early in spring, and a universal favorite for the greenhouse or conservatory. Greenhouse perennial; seed should be sown in July or August.



Calceolaria Hybrida, Large Flowered.
Calceolaria Hybrida Grandiflora. Tinged and self-colored, in finest mixtures. Flowers of largest size and most brilliant coloring. Seed saved from choicest collections..... .25

CALENDULA.—*Pot Marigold*.

Showy, free flowering, hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; valuable also for pot culture, blooming freely in winter and early spring; one foot high.
Calendula, Meteor. Large double yellow, striped with orange. Per oz., 25c..... .05

Prince of Orange. Resembles Meteor, but is much darker. Per oz., 25c..... .05
Sulphurea, fl. pl. Large full double flowers of a pleasing sulphur yellow color. Per oz., 30c..... .05
Mixed. Fine mixture of double varieties. Per oz., 25c..... .05

CALIFORNIA POPPY.—*See Eschscholtzia.*
CALLIOPSIS.

A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. If the seed pods are removed as soon as they appear, the plant will remain in bloom much longer. Two feet high.

Calliopsis. Fine mixed. Per oz., 15c..... .05
 For perennial varieties see *Coreopsis*.

CALLISTEPHUS CHINENSIS.—*See Aster.*
CAMPANULA.

This is one of the oldest of ornamental garden plants and is of the easiest culture. Grows two and one-half feet high, producing large bell-shaped flowers of different shades, which are very effective.

Campanula, Medium. (Canterbury Bells.) Single mixed..... .05

CANARY BIRD VINE.—*Tropaeolum Canariense.*

A rapid growing summer climbing annual growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings..... .05

CANNA.—*Indian Shot.*



Canna.

Grand ornamental plant with stately foliage and large spikes of brilliant flowers. Plants grown from seed will bloom slightly the first year, and form large roots which will flower profusely the second summer. Tender perennial, two to six feet high.

Canna, Crozy's New Hybrids. Made up from seed obtained direct from Mr. Crozy and other noted foreign specialists, saved from the handsomest of late introductions. Most of them are of dwarf habit, large bloomers, and very remarkable, both for beauty and size of flower and foliage. Mixed, per oz., 50c..... .10

Canna, Dark-Leaved Varieties. Flowers large; foliage very dark color. Mixed, per oz., 40c..... .05

CANDYTUFT.—*Iberis.*

Well known hardy annuals of the easiest culture; great favorites for beds, edgings, pots and borders, and considered indispensable for cutting. The plants flower profusely throughout the entire season.

Candytuft, Empress. A handsome pure white variety, intermediate in height between the Rocket and Tom Thumb sorts. The plant is of branching habit, each branch producing a large truss of flowers and the whole plant presenting a candelabra-like profusion of bloom throughout the summer. Per oz., 40c..... .10

Tom Thumb. A dwarf, white flowered variety, four to six inches high, and especially suited for edging. Per oz., 30c..... .05



Candytuft, Rocket.

White Rocket. (*Iberis Coronaria*.) A standard sort, producing large trusses of pure white flowers; admirably suited for cutting, per oz., 25c..... .05

White. (*Iberis amara*.) The common white variety, per oz., 20c..... .05

Crimson. (*Iberis umbellata purpurea*.) Dark crimson; the best dark variety..... .05

Carmine. (*Iberis umbellata carminea*)..... .05

Mixed. Annual varieties in good mixture, per oz., 15c..... .05

CANTERBURY BELLS.—*See Campanula.*

CARNATION.—*Dianthus Caryophyllus.*

A universal favorite; one of the most esteemed flowers of the florists' collection, and indispensable in every collection of conservatory or house plants, while for open ground culture it is very desirable. It is not surpassed in elegance, beauty or fragrance by any other flower. The flowers are borne on long stems, rendering them excellent for cut flowers. Half-hardy perennials. One to one and one-half feet high.



Carnation, Double Perpetual.

Carnation, Double Perpetual. This new carnation was raised by a famous French specialist who claims it to be the best of his introduction. Handsome double flowers are produced in great profusion, in every variety of color, on vertical straight stalky flower stems. Blooms in about seven months from sowing of seed and continues to flower indefinitely. It will be found invaluable for florists and amateurs. Seed can be sown either in autumn or early spring..... .15



A magnificent class of carnations that will bloom in four months after sowing of the seed. The flowers are of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegated, etc. They are of perfect form and large size, and what is of special value, the calyx never bursts. Those sown in spring commence flowering in early summer and continue to bloom most abundantly until checked by frost. They can be potted and taken into the house and will flower through the winter. The plants are dwarf, much branched, compact and robust in habit, consequently supporting themselves. The seed we offer is an improved strain of the semi-dwarf class, which is most valuable.

- Finest Mixed.** Per oz., \$2.00..... .10
- Giant Marguerite.** A much improved class, both in size of flower and doubleness, yielding a rich display of colors10
- Carnation, Extra Choice, Double.** A very fine strain, mixed, per oz., \$2.50..... .10

CASTOR OIL PLANT. — Ricinus.

A very ornamental, strong growing plant with leaves of green, brown or bronzed metallic hue, and long spikes of prickly capsules of scarlet and green. An elegant plant for a lawn or as a center plant of groups of Cannas, Dahlias, etc. Half-hardy annual, six to ten feet high.



Castor Oil Plant.

- Castor Oil Plant, Zanzibariensis.** An entirely distinct new sort, with enormous leaves, measuring two to two and one-half feet across, and in different plants ranging from light green to deep bronze. Exceedingly striking and beautiful, per oz., 25c..... .10
- Castor Oil Plant.** Mixed varieties, per oz., 15c... .05

CELOSIA, or COCKSCOMB.

Free blooming annuals, growing best in rather light soil, not too rich, producing ornamental comb-shaped flowers; make grand border plants and are attractive for pots. Half-hardy.
Celosia Cristata Nana. Dwarf Cockscomb. Compact, low-growing plants with showy combs. Rich and brilliant colors, mixed..... .05

CENTAUREA.

- Centaurea, Cyanus.** (Ragged Sailor, Corn Flower, Blue Bottle.) Sometimes called Bachelor's Button. A perfectly hardy border plant, thriving finely in any common garden soil, but the flowers are more brilliant if grown in gravelly ground. Under cultivation it is really a handsome flower, sporting its varieties of white, purple, pink, parti-colored, etc. Hardy annual, two to three feet high. Mixed, per oz., 20c..... .05
- Emperor William.** A fine dark blue variety, per oz., 25c..... .05
- Centaurea Gymnocarpa.** (Dusty Miller.) A valuable ornamental leaved plant, forming a graceful round bush of silvery gray, fern-like leaves, making a fine contrast when massed with dark foliage plants. Half-hardy perennials, one and one-half feet high..... .10

CHRYSANTHEMUM.

Showy and effective garden favorites, exclusively grown for cut flowers. They produce on long stems beautiful large flowers of many bright colors.



Chrysanthemum, Mixed Annual Varieties.

SINGLE ANNUAL SORTS.

- Showy, free blooming plants of thrifty habit, 12 to 18 inches high. Hardy annuals.
- Chrysanthemum Carinatum, (tricolor) Burridgeanum.** Crimson maroon with white edge and inner circle of yellow..... .05
- Carinatum.** Fine mixed single, per oz., 25c..... .05
- Frutescens.** Paris Daisy or "Marguerite." The finest of the white "Daisies." Produces its pretty white star shaped flowers in great abundance. Popular with florists; valuable for cutting. Succeeds well in any garden soil; two and one-half feet high..... .10

DOUBLE ANNUAL SORTS.

- Hardy garden plants one and one-half to two feet high, blooming plentifully throughout the summer and until frost.
- Coronarum, fl. pl.** Double white and yellow mixed, per oz., 25c..... .05
- Carinatum Hybridum, fl. pl.** Double hybrids, new and unique varieties. Pure white, yellow, bronzy yellow, crimson, etc., tinged with red, lilac or rose. Finest mixed colors..... .10

PERENNIAL VARIETIES.

These are the popular fall flowering Chrysanthemums that attract so much attention at the autumn shows. Plants raised from seed bloom the first year if sown early.
Chinese and Japanese Varieties. Saved from the finest varieties in cultivation and cannot fail, with proper care, to give magnificent flowers in a wonderful variety of color and form... .25

CIGAR PLANT — See Cuphea Platycentra.

COLEUS.

- Well known ornamental foliage plants; indispensable for groups on lawns or bedding and also valuable for pot culture. The leaves are of many shapes, colors and markings, and nearly all have a rich velvety appearance. Tender perennial, one to three feet high.
- Coleus.** Finest varieties, splendid mixture..... .25

CINERARIA.

FLOWERING VARIETIES.

One of the most ornamental and useful greenhouse flowering plants. Has large handsome flowers measuring two to three inches in diameter, the colors being distinct and richly diversified. Greenhouse perennial.



Cineraria Hybrida, Semi-Dwarf.

- Cineraria Hybrida Grandiflora.** Large flowered prize varieties, splendid mixed..... .25
- Cineraria Hybrida Grandiflora Nana.** Large flowered semi-dwarf prize varieties, splendid strain, mixed..... .25

COLUMBINE —See *Aquilegia*.

COBÆA.



Cobaea Scandens.

A rapid growing climber, attaining a height of 20 to 30 feet in a season. Can be grown in the garden in summer and in the greenhouse or conservatory in the winter. Bears large purple bell-shaped flowers which are produced in great profusion. Half-hardy perennial.

- Cobaea Scandens** 10

COREOPSIS.

Coreopsis Lanceolata Grandiflora. The flowers of this much improved variety are much larger and more beautiful than any other offered; bright yellow on long stems; keep fresh in water for a week or ten days..... .05

Coreopsis Lanceolata. One of the finest of hardy plants; very large golden yellow flowers; excellent for cutting, will thrive in almost any situation..... .05

CLARKIA

Very pretty free flowering annuals for flower beds. The flowers are very showy and of many colors; one and one-half feet high.



Clarkia, Single and Double Varieties.
Clarkia, Elegans. Single and double, fine mixed.
 Per oz., 25c..... .05

CORN FLOWER.—See *Centaurea Cyanus*.
CONVOLVULUS, Major.—See *Morning Glory*.
COSMOS.

A showy autumn flowering plant, with elegant foliage, of very strong growth, and considered of great value for cutting. The plants grow from six to eight feet high, and in blooming season are covered with hundreds of blossoms two and three inches in diameter and resemble single Dahlias. A quite hardy annual.



Cosmos, Large Flowering.

Cosmos, Giant Early Flowering Fancy. The flowers of this superb new strain are of immense size, measuring four to five inches in diameter, and are produced in great diversity of form and coloring; the colors range from pure white through shades of pink, deep rose and crimson to light red. Mixed..... .10

Dwarf Early Flowering "Dawn." This new variety comes into flower in July, and continues a mass of bloom until cut down by severe frost; more bushy and compact than the older varieties, growing only 4 feet high, while all others attain a height of 6 to 7 feet. The flowers are fully as large as those of the old sort; the color is a beautiful white, with a tinge of rose at the base of the petals..... .10

Mammoth Perfection. A vast improvement over the old sort; flowers are of mammoth size, the petals being broad and overlapping, form a perfectly round flower. A magnificent strain, representing the highest development in Cosmos to date.

- White, per oz., 75c.... .05
- Crimson, per oz., 75c.... .05
- Pink, per oz., 75c.... .05
- Mixed, per oz., 60c.... .05

CUCURBITA.—See *Gourds*.

CUPHEA.

Cuphea, Platycentra. (Cigar Plant.) A most interesting plant, useful for bedding purposes and for house culture. Forms a dwarf, compact bush about 12 inches high and bears a profusion of vermilion tube-shaped blossoms with black lower lip and edged with white on the tip. Half-hardy annual..... .05

CYPRESS VINE.—*Ipomœa Quamoclit.*

A most beautiful climber, with delicate, dark green, feathery foliage, and an abundance of bright, star-shaped, rose, scarlet and white blossoms, which in the bright sunshine present a mass of beauty. Planted by the side of a veranda, tree or stakes, and trained properly, there is nothing prettier. Tender annual; fifteen feet high.

- Cypress Vine.** Scarlet, per oz., 30c..... .05
- Cypress Vine.** White, per oz., 30c..... .05
- Cypress Vine.** Mixed, per oz., 25c..... .05

CYCLAMEN.

Beautiful winter and spring flowering tuberous-rooted plants for pot culture in conservatory or greenhouse; bearing large handsome flowers in a variety of bright colors. Tender perennial.



Cyclamen Persicum.

Cyclamen Persicum, Giganteum. An extra choice strain saved from very large flowers of rich and varied colors. Finest mixed..... .25

DATURA.



Datura, Cornucopia.

Datura, Cornucopia. A highly interesting novelty, forming a good sized bush-like plant in a single season. The flowers are composed of three funnel-shaped tubes, growing each within the other, the throat and mouth of each tube being a delicate white and the outside a mottled purple. The flowers are eight to ten inches in length and five to seven inches across the mouth. This novelty is of easy culture, does splendidly in the open ground; may be grown as single specimen, in groups, or among shrubbery10

DAHLIA.

A very popular race of plants that may be had in the greatest variety and beauty from seed, both of the single and double sorts. Seed sown in spring will produce some flowers the same season, and the large roots will give a profusion of bloom the next year. Tender perennials, four to six feet high.

- Dahlia, Double, Large Flowered.** Large double flowers of perfect form and rich colors and markings10
- Cactus.** Finest mixed, from a splendid collection, containing all the best new varieties..... .15
- Single Varieties.** Splendid mixture..... .10

DAISY.—*See Bellis.*

DELPHINIUM.—*Hardy Larkspur.*

Very ornamental, free flowering perennials, with splendid flowers and curiously cut leaves. Indispensable for permanent beds and borders.

- Delphinium Formosum.** Flowers deep blue with white center, in tall, much crowded spikes; two to three feet high..... .05
 - Nudicaule.** Compact and abundant bloomer with large, scarlet flowers; one and one-half feet high10
- For annual varieties see Larkspur.

DIANTHUS.—*Pinks.*

The family of Dianthus is by far the most useful of all the biennials and perennials, and for beauty and variety cannot be surpassed. The delicacy and richness of the tints, combined with the aromatic fragrance of many of the species, are valuable recommendations for the entire family.



Dianthus, Chinensis, fl. pl.

- Dianthus, Chinensis, fl. pl.** Double China Pink; a biennial of dwarf habit; flowers the first year but the bloom is stronger the second. Finest double mixture, per oz., 30c..... .05
- Heddewigii.** Finest single mixed; flowers deeply fringed or feathered; broad and round and of exquisite colors. Half-hardy annual, per oz., 50c..... .05
- Heddewigii, Hybridus, fl. pl.** Double Japan Pink; flowers very large and double, two to three inches in diameter and of many brilliant colors. Half-hardy annual. Choicest mixed, per oz., 60c..... .05
- Heddewigii, Hyb. Albo-Marginatus, fl. pl.** Mourning pink; the most striking of all pinks. The large double flowers are almost black, with a clear fringed edge of white..... .05
- Imperialis, fl. pl.** Double Imperial Pink; very beautiful; many charming colors. Extra fine mixture, per oz., 40c..... .05
- Plumarius.** Pheasant's Eye Pink; the sweet-scented single grass pink; large finely fringed flowers. Hardy perennial. Fine mixed, per oz., 40c..... .05
- Plumarius, fl. pl.** Double and semi-double varieties in beautiful colors..... .10

DIANTHUS, Barbatus.—*See Sweet William.*

DIANTHUS, Caryophyllus.—*See Carnation.*

DIGITALIS.—*Foxglove.*

A handsome and highly ornamental hardy perennial plant, of stately growth; fine for shrubberies and other half-shady places; three feet high.

- Digitalis, Gloxiniflora.** A very beautiful class with spotted flowers; all colors mixed..... .05

DOLICHOS.—See *Hyacinth Bean*.

DRACÆNA.

Very showy foliage plant with narrow arching leaves; extensively used for centers of hanging baskets and vases, and for decoration.

- Dracaena Indivisa*. Narrow leaved..... .10
- Dracaena Indivisa Lineata*.10

ECHINO CYSTIS.—*Wild Cucumber Vine*.

Echinocystis Lobata. A rapid, luxuriant growing annual climber; very useful for quick effects; splendid for covering old trees, fences, etc..... .05

ELICHRYSUM.—*Everlasting Flower*.

Very showy summer-blooming annuals producing large, full double flowers of various colors, from bright yellow to scarlet, shaded and tipped. Not only handsome as garden plants, but valuable as an "everlasting" for winter bouquets. When used for this purpose the blossoms should be gathered on the point of expanding. One to two feet high.



Elichrysum.

Elichrysum Monstrosum, fl. pl. Large flowering double, very showy and rich mixture, per oz., 50c..... .05

ESCHSCHOLTZIA—*California Poppy*.

Very showy summer flowering annuals; blossoms about two inches in diameter, saucer shaped, of many brilliant and showy colors; are produced in great profusion. Excellent for bedding or borders; also fine for pot culture. One foot high.

- Californica*. Yellow, per oz., 30c..... .05
- Californica*. Alba. White, per oz., 30c..... .05
- Californica*. Mixed, per oz., 25c..... .05

EVENING PRIMROSE.

See *Oenothera Biennis*.

EVERLASTING.—See *Elichrysum*.

FEVERFEW.—See *Matricaria*.

FORGET-ME-NOT.—See *Myosotis*.

FOUR O'CLOCK.—*Mirabilis Jalapa*.

Marvel of Peru.



Four O'Clock.

Handsome, sweet-scented free flowering plants; some varieties have beautifully variegated leaves. The flowers are funnel-shaped, white, red and striped, and open about 4 o'clock in the afternoon, remain open all night and generally perish before noon the next day. Hardy annual, two feet high.

- Four O'Clock**. Mixed, per oz., 15c..... .05

GAILLARDIA.

A very showy and useful class of plants; remarkable for the profusion of bloom, size and brilliancy of their flowers. Effective when grown in masses, flowering during the entire summer and autumn. One and one-half feet high.



Gaillardia.

Gaillardia Grandiflora. Splendid new perennial varieties with large flowers, dark crimson centers, marked with rings of many different colors. Mixture..... .10

GLOXINIA.

A charming greenhouse plant of dwarf habit, producing in great profusion beautiful flowers of the richest and most brilliant colors; thrive best in an equal mixture of peat loam and sand. The bulbs should be kept dry and warm during winter.



Gloxinia Hybrid.

Gloxinia, French Hybrids. Splendid mixed, the finest varieties25

GODETIA.

Beautiful garden plants of easy cultivation in any good garden soil, and remarkable for the delicacy of their very large blossoms. Hardy annual; one to one and a half feet high.



Godetia.

Godetia. Fine mixed05

GOURDS.—Cucurbita.

A tribe of climbers with curiously shaped fruit in various colors. Being of rapid growth, they are fine to cover old fences, trellises, stumps, etc. The foliage is quite ornamental and the markings of some of the fruit are extraordinary. Do not plant the seed until all danger of frost is over and select rich mellow ground. Tender annual climber; 10 to 20 feet high.



Ornamental Gourds.

Gourds, Ornamental. Mixed, per oz., 25c..... .05

GOLDEN FEATHER.—See Pyrethrum Aureum

GREVILLEA ROBUSTA.—Silk Oak.

A very beautiful and useful decorative plant, with fern-like foliage; excellent for table decoration; easily raised from seed, producing good sized plants in a short time.

Grevillea Robusta10

HELIANTHUS.—See Sun Flower.

HELIOTROPE.

Highly valued for the fragrance of their flowers, and duration of bloom. They succeed in any rich, light soil, and cuttings of the shrubby kinds, taken off while young, start readily. Start under glass. Half-hardy perennial; one foot high.

Heliotrope. Choice mixed..... .10

HUMULUS.—Japanese Hop.

Humulus Japonicus. A very ornamental and fast-growing climbing plant. Perfectly hardy and seeds itself after the first year. The foliage resembles that of the common hop, is very dense, and in color a lively green. One of the best plants for covering unsightly objects, verandas, trellises, etc. Per oz., 40c..... .05

Japonicus Variegatus. A variegated variety of the Japanese Hop. The leaves are beautifully and distinctly marked with silvery-white, yellowish-white and light and dark green. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its fresh and bright variegated foliage until late in autumn..... .10



Humulus, Variegated Leaved.

HOLLYHOCK.

The Hollyhock, in its present state of perfection, is very unlike its parent of olden times. It now ranks with the Dahlia, Aster, Camellia, etc. For a background to a flower garden, perhaps no plant is so useful. The flowers are as double as a rose, of many shades of color, from deep yellow, red, purple, to pure white. Hardy perennial; five feet high.



Double Hollyhock.

Hollyhock, Superb Double. A prize strain; unsurpassed. Mixture of 15 prize varieties..... .10

German Double. Mixed, per oz., \$1.00..... .05

HYACINTH BEAN.—Dolichos Lablab.

A rapid growing annual climber, flowering freely in clusters, followed by ornamental seed pods. For covering arbors, trellises, etc. Sow the seed in the garden in April or May, where they are to remain.

Purple and White, mixed..... .05

HYACINTHUS CANDICANS.

A giant summer-flowering Hyacinth of robust growth, producing a flower stem three to four feet high, covered with 20 to 30 pure white bell-shaped flowers. Bulbs keep dry over winter, like a gladiolus..... .05

IBERIS.—See Candytuft.

ICE PLANT.—Mesembryanthemum.

Handsome and curious plant for hanging baskets, rock work, vases and edgings. The leaves and stems are succulent and fleshy and look like rock candy. The whole plant is peculiarly brilliant in the sunshine. The flower is white and not conspicuous. Can be grown in pots or open border, the former having preference. Tender annual trailer; six inches high.

Ice Plant. (Mesembryanthemum, Crystallinum).. .05

IMPATIENS BALSAMINA.—*See Balsam.*
IPOMŒA QUAMOCLIT.—*See Cypress Vine.*
JOB'S TEARS.—*Coix Lacryma.*

Curious ornamental grass with broad corn-like leaves. Valuable for the formation of winter bouquets, in connection with everlasting flowers. The seeds are of a light slate color; strings of handsome beads may be made from them. Hardy annuals; three feet high.

Per oz., 15c..... .05

JOSEPH'S COAT.—*See Amaranthus Tricolor.*
LARKSPUR.—*Delphinium.*

The Larkspur is one of the handsomest and most useful of plants, and for large gardens it is invaluable. The leaves are much divided; flowers in terminal spikes. The brilliancy of some of the colors is unsurpassed. Hardy annuals.

Larkspur, Double Dwarf German Rocket.
 Very free flowering species. Flowers in spikes. One foot high. Mixed, per oz., 25c..... .05

Tall German Rocket. Two feet high. Finest mixed, per oz., 25c..... .05

Stock Flowered, Tall Branching. A tall branching variety with beautiful long spikes of flowers, two feet high. Mixed, per oz., 25c..... .05
 For perennial varieties see Delphinium.

LATHYRUS.

Everlasting or Hardy Sweet Pea.

Showy, free-flowering hardy perennial climbers, for covering old stumps, fences, etc. Continually in bloom; fine for cutting.

Lathyrus, Latifolius. Flowers white, red and rose. Mixed, per oz., 50c..... .05

LAVENDER.—*Lavendula Spica.*

A well-known sweet scented hardy perennial, bearing long spikes of fragrant blue flowers; one to two feet high. Should be extensively grown in the mixed border.

Per oz., 15c..... .05

LOBELIA.



Lobelia, Crystal Palace Compacta.

One of the most elegant and useful plants, of easy culture, and well adapted for bedding, edging, pots or rockeries. Half-hardy annuals.

Lobelia, Erinus Gracilis. Light blue. Fine for baskets, vases, etc., training gracefully and blooming profusely. Six inches high..... .05

Crystal Palace Compacta. Deep rich blue. Splendid for edging and carpet bedding. Four to six inches high..... .05

LOPHOSPERMUM.

Highly ornamental annual climber, with showy foxglove-like flowers. Ten feet.

Lophospermum Scandens. Rosy purple..... .10

LOVE-LIES-BLEEDING.—*See Amaranthus Caudatus.*

MARIGOLD.—*Tagetes.*

The Marigold has been an inhabitant of the flower garden from time immemorial, and where a rich display of bloom is desired, is almost indispensable. The African varieties are tall, growing usually two feet or more, while the French are more dwarf, of more perfect form and gorgeous beauty; all are desirable. Half-hardy annuals, in bloom till frost comes.



Marigold, El Dorado.

Marigold, Tall African Orange. (*Tagetes erecta fl. pl. aurea*), bright orange yellow..... .05

Tall African Lemon. (*Tagetes erecta fl. pl. sulphurea*), lemon yellow..... .05

Tall African, (Tagetes Erecta.) Mixed sorts, per oz., 40c..... .05

Tall African, El Dorado. (*Tagetes Erecta, fl. pl. fistulosa*.) Flowers very large, quilled and extremely double. Colors in all shades of yellow..... .10

Dwarf Double French. (*Tagetes Patula Nana*.) Bright attractive colors. Mixed, per oz., 40c.... .05

MARVEL OF PERU.—*Mirabilis Jalapa.*
See Four O'Clock.

MATRICARIA.

Matricaria Capensis, fl. pl. (*Feverfew*.) Bushy annual garden plant, useful for bedding. Flowers much used for cutting. Double white, fine. .05

MESEMBRYANTHEMUM CRYSTALLINUM.—*See Ice Plant.*

MIGNONETTE.



Mignonette, Machel.

A well-known hardy annual, producing dense semi-globular heads of exceedingly fragrant flowers, borne on spikes from three to six inches long. Is in bloom nearly the whole season, and is so fragrant that the whole atmosphere around is perfumed. If sown at intervals during the spring and early summer, it will be in bloom till killed by the frost. Seeds sown in autumn will bloom early in spring. Hardy annual; perennial if protected; one foot high.

Mignonette, Sweet Large Flowered. (*Reseda Odorata Grandiflora*.) Per oz., 10c..... .05

Machel. (*Reseda Grandiflora*.) An entirely new and distinct sort of great merit. It is of dwarf and vigorous growth, and throws up numerous stout flower stalks, terminated by massive spikes of deliciously scented red flowers. One of the very best sorts for pot culture. Per oz., 75c..... .05

- Golden Machet.** A new and distinct variety, possessing all the excellencies peculiar to the popular Machet Mignonette, which sort is recognized by every grower as the best for forcing and pot culture. The plants are of strong, compact habit, with large crinkled leaves, and bear massive spikes of golden yellow blossoms10
- Defiance.** Magnificent, even in the open ground. When grown under favorable conditions and with proper care in the greenhouse, its full round spikes will be of gigantic size, measuring from 12 to 15 inches long, and of an intensely rich perfume. Its great strength is accompanied by extraordinary keeping qualities; the graceful spikes retain their beauty and fragrance in water for two weeks after cutting.... .10
- Miles Hybrid Spiral.** (Reseda Grandiflora Spiralis.) A vigorous grower; spikes of pink flowers 8 to 12 inches long. Very fragrant; plant dwarf and branching. Per oz., 30c..... .05

MIMOSA.—See *Sensitive Plant*.

MIMULUS.



Mimulus, Tigrinus.

- Handsome flowers of easy cultivation. Perennial in the greenhouse, annual in the open air.
- Mimulus Moschatus.** (Musk Plant.) Cultivated on account of the musky odor of the leaves.... .10
- Mimulus, Tigrinus Grandiflora.** (Monkey Flower.) Beautiful, large, tigered and spotted flowers; blooms the first year..... .10

MIRABILIS JALAPA.—*Marvel of Peru.*

See Four O'Clock.

MONKEY FLOWER.—*See Mimulus Tigrinus.*

MOURNING BRIDE.—*See Scabiosa.*

MUSK.—*See Mimulus Moschatus.*

MYOSOTIS.—*Forget-me-not.*



Myosotis.

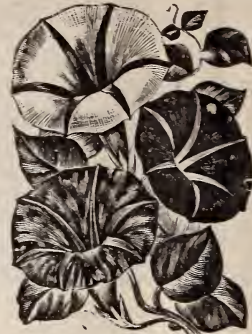
An old favorite plant, bearing clusters of star-shaped, delicate blue flowers, with white and yellow eyes. It flourishes best in a moist, shady situation, and it is in constant bloom nearly the whole season. If the seed be sown in autumn, it will succeed best and flower early in spring. Hardy perennial; six inches high.

Myosotis, Alpestris. Blue..... .05

MORNING GLORY.

One of the most free flowering and rapid growing plants in cultivation. It is so hardy as to grow and thrive in almost any soil or situation.

Morning Glory, Double. (*Ipomœa Purpurea*, fl. pl.) A double convolvulus coming 75 to 80 per cent. true from seed. Is of rapid growth and produces its double flowers very freely; the remainder of the flowers are semi-double and single. The flowers are white with spot of red or blue at base of the large petals. Three packets, 25c..... .10

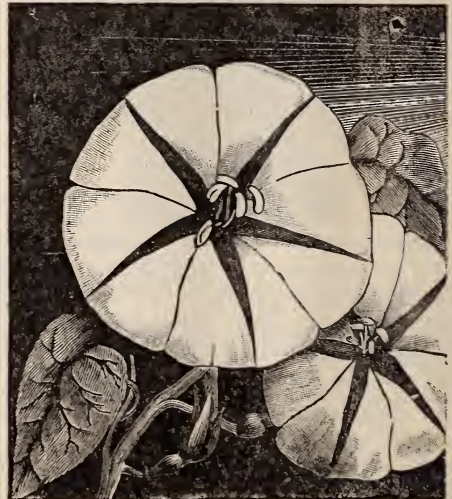


Morning Glory.

Morning Glory, Imperial Japanese. A magnificent new class, with gigantic flowers measuring four to six inches across and of an endless variety of colors, running through all shades of blue and of red from palest pink to the darkest shades of red and purple; some are streaked, mottled, striped, marbled and bordered in wonderful profusion. Of the easiest culture and very rapid growth; grows in any common garden soil, attaining a height of 30 feet during the summer. Very attractive even before flowering, on account of the varied forms and markings of the foliage, some of the leaves being a dark green while others are golden, and many of them marbled, margined and streaked with silvery white, green and gray. Grand mixture of all varieties. Per oz., 40c.; three packets, 25c..... .10

Morning Glory. (*Convolvulus Major*.) Handsome, showy climber of easy culture, and suitable for covering arbors, windows, trellises, old stumps, etc. Ten feet high, per lb., 60c.; per oz., 10c..... .05

MOON FLOWER.



Moon Flower.

Moon Flower, New Hybrid. It makes an immense growth of vine and deep foliage, and is of great value in the north, as it is in full bloom fully one month before the old varieties. The large flowers are four to six inches in diameter and very numerous, completely covering the foliage at places. They vary in form on different plants, some being scalloped, others perfectly round, others star-shaped; the foliage also varies from the original shape, to oak-leaved and heart-shaped forms. Per oz., 75c..... .10

NASTURTIUM.—Tropæolum.

TOM THUMB, OR BEDDING SORTS.

A bed of Dwarf Nasturtiums in the yard is very brilliant and attractive, and blooms all the season. The flowers are more brilliant if the soil be not over rich. Give each plant a foot of room. Hardy annual; one foot high.

- Nasturtium "Lilliput."** (Tropæolum Lobbianum Compactum.) An entirely new class of Dwarf Nasturtium; the plant is in every respect smaller than Tom Thumb. The dainty little flowers are produced in the greatest profusion and appear in various and showy colors. Highly effective for groups and borders. Per oz., 25c..... .10
- Tom Thumb, Scarlet.** (Tropæolum Minor Coccineum.) Very bright, per oz., 20c..... .05
- Tom Thumb, Crimson.** (Tropæolum Minor Atropurpureum.) Rich velvet crimson, per oz., 20c..... .05
- Tom Thumb, Empress of India.** Splendid dark leaved variety, with brilliant crimson flowers, per oz., 25c..... .05
- Tom Thumb.** Mixture of many fine sorts, per lb., \$1.25; per ¼ lb., 40c; per oz., 15c..... .05

NASTURTIUM.

TALL OR CLIMBING SORTS.

The Tall Nasturtium is a very rapid grower, and strikes freely from cuttings, but seeds sparingly. The colors are very brilliant and of many shades, from scarlet to black. Fine for covering arbors, trellises and rustic work. Hardy annual; 10 to 20 feet high.



Nasturtium, Madam Gunter's Hybrids.

- Madam Gunter's Hybrids.** A new race in which the petals are much broader than the old sorts, and the colors are more varied and brilliant, embracing rose, pink, salmon, purple velvety dark maroon, light yellow and deep orange in self colors, as well as striped and blotched shades. The plants are exceedingly vigorous, and wonderfully profuse bloomers, growing from five to six feet high. A decided advance over the old types. Per oz., 25c..... .10
- Nasturtium, Lobb's Climbing Varieties.** (Tropæolum Lobbianum.) The leaves and flowers are somewhat smaller than the ordinary tall Nasturtium, but the varieties are more profuse flowering and have brighter foliage. Mixture of splendid sorts, per lb., \$2.50; per oz., 20c..... .05
- Tall.** (Tropæolum majus.) Mixture of choice varieties. Per lb., \$1.25; ¼ lb., 40c; per oz., 15c..... .05

NICOTIANA.

Nicotiana, Affinis. A genus of garden plants of the tobacco family, which are noted for the freedom and fragrance of their bloom. Plants attain a height of two feet and produce an abundance of large, pure white, star-shaped flowers of delicious fragrance. If the plants are taken up in the fall, cut back and potted, they will bloom nicely in the house during the winter..... .05

NIEREMBERGIA.

A half-hardy perennial, slender growing plant; perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; one foot high.

- Nierembergia frutescens.** Lilac..... .05

ENOThERA.

Oenothera, Biennis. (Evening Primrose.) Fine free flowering plants, best for backgrounds or shrubby borders. Large saucer shaped flowers that open at dusk and emit a delightful perfume. Hardy annual. Per oz., 20c..... .05



OXALIS.

Very pretty herbaceous plant with rich rose colored blossoms. They thrive well in a mixture of loam and sand; they should not be watered after they have done flowering until they begin to grow afresh. Are very desirable for green-house decoration, rock work or baskets out of doors. The plants can be wintered successfully in cold frames if they are kept dry and the frost is excluded. Half-hardy perennials.

- Oxalis.** Choice mixed.. .05

Oxalis.

PANSY.—Viola, Tricolor Maxima.

These lovely flowers are favorites with all, not only for the brilliancy and variety of their color, but for the durability of their bloom. Seed may be sown in open ground in spring or summer, or in hot-beds early in spring. Young plants produce the largest and best flowers. The plants should always occupy a cool, partially shaded situation, and the ground cannot be too rich; coolness and moisture are necessary. Transplant when an inch high. Seed sown in July will blossom late in autumn; if sown in October will bloom the following spring. Hardy biennial, four inches high.

SEPARATE SORTS.

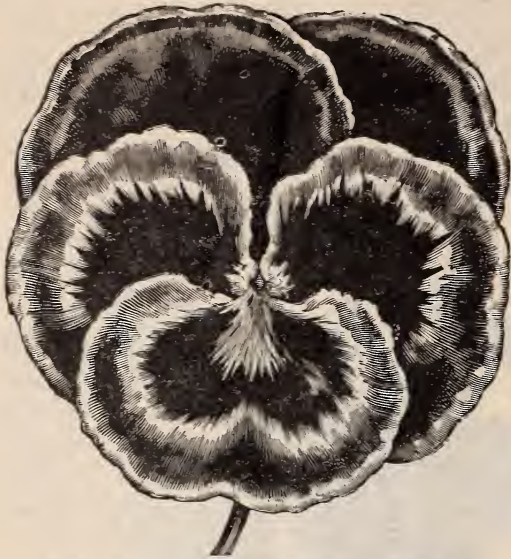
- Black or Dr. Faust.** (Queen of Blacks.) Deep jet black..... .05
- Coquette de Poissy.** An entirely new color in Pansies, unlike anything before known, being a distinct mauve color; of good size, regular compact growth..... .10
- Emperor William.** Ultra-marine blue with dark center..... .05
- Gold-Margined.** Very distinct and showy. Bright golden margin..... .05
- Lord Beaconsfield.** Deep purple violet, shading off in upper petals to lavender and white..... .05
- Peacock.** A beautiful large flowered Pansy of English origin. The upper petals are rich ultra-marine blue, the lower petals a deep claret, blotched with deep blue shading to black, the whole flower edged with white..... .10
- President Carnot.** A valuable new French Pansy; the flowers are large and of elegant shape. Each of the five petals is margined with clear white, while the greater surface of each is covered with a deep rich violet blotch, the two colors forming a very handsome combination..... .10
- Silver-Edged.** Dark purple with white edge..... .05
- Snowflake.** Very large, satiny white; fine..... .05
- Victoria.** Very effective; rich velvety petals of a bright claret color; the nearest approach to a scarlet in Pansies..... .10
- Yellow, Black Center.** Very showy; has large black eye..... .05

VERY LARGE FLOWERING VARIETIES.

- Giant Black Blue**..... .10
- Giant Brown Red**..... .10
- Giant King of the Blacks**..... .10
- Giant Lord Beaconsfield**..... .10
- Giant Snowflake**..... .10
- Giant Yellow**..... .10

MIXTURES.

Giant Trimardeau. An entirely distinct and beautiful race, with flowers of the richest and most varied shades of color. The plants are of vigorous and compact growth and the flowers are each marked with three large blotches or spots. Per ¼ oz., 75c..... .10



Type of "Greater Cleveland" Pansies.

"Greater Cleveland" Mixture. The finest mixture ever offered. Contains over 65 different colors, shades and markings; beautiful, rare varieties, and new shades that can only be had in this mixture, besides the large stained and blotched sorts, and strains of the leading kinds of commerce, which by careful culture from season to season have been brought to a high degree of perfection. The flowers are of perfect form, enormous size, measuring from two and one-half to four inches in diameter; they will please everyone. In "Greater Cleveland" Mixture we have the cream of varieties, secured regardless of cost from Pansy specialists of our own country and Europe. Five packets, \$1.00.....

Odier or Blotched. A superb strain of three and five blotched show pansies, unsurpassed for shape, markings and richness of color of the flowers as well as for habit of growth. Per 1/8 oz., \$1.00.....

Cassier's Very Large Flowered Blotched. An especially commendable strain of largest flowered class of blotched Pansies. Per 1/8 oz., \$1.25.....

Bugnot's Superb Blotched. A very beautiful class; extra large flowers with broad blotches and delicate markings; yields a great diversity of the handsomest and rarest colors. Per 1/8 oz., \$1.50.....

Giant Striped. A beautiful mixture. Flowers striped and mottled in various tints on contrasting grounds. Per 1/4 oz., 75c.....

Tilton's Giant Pansy Mixture. A splendid mixture of the finest Giant flowering varieties; embraces the Odier, Cassier and Bugnot strains, the distinct colors of Trimardeau and many other shades and colors that are not found in other mixtures. Per 1/8 oz., \$1.00; per pkt. (250 seeds), 15c; per pkt. (100 seeds), 10c.

Very Fine Mixture. Composed of over 30 separate varieties, remarkably showy and rich in color. Per oz., \$1.50.....

PARIS DAISY.—See *Chrysanthemum Frutescens*.

PETUNIA.

Well known very ornamental plants producing fragrant and beautiful flowers; they are unsurpassed for massing in beds, and for greenhouse or window culture are valuable. The richness of color, duration of bloom and easy culture will always render them popular. Tender perennials, but will bloom the first season. One and one-half feet high.

Petunia, Grandiflora Fimbriata. Single large flowered fringed. A superb strain of finely fringed flowers measuring over four inches in

- diameter; remarkable for their brilliancy and variety of color. The seed is saved from finest specimens. Mixed varieties..... .25
- Grandiflora, fl. pl.** Double large flowered. Flowers very double, three to four inches across and of most beautiful colors. Fecundated with scrupulous care. Extra fine mixture, 100 seeds..... .25
- Grandiflora Fimbriata, fl. pl.** Double large flowered fringed, 100 seeds..... .25
- Hybrida, Inimitable.** Striped and blotched; many beautiful colors and combinations. Single mixed, per oz., \$1.00..... .05
- Hybrida.** Flowers large and in a great variety of colors. Very rich mixture, per oz., 75c..... .05

PHLOX.

Among the most esteemed favorites in the list of flowers. Remarkable for the brilliance and abundance of their large terminal flowers, completely hiding the foliage. The blossoms are of many colors, from pure white to deepest purple, eyed and striped. For masses and separate colors and for cutting for bouquets, they are unsurpassed. Hardy annual, one foot high.

Phlox Drummondii. Mixed, a great variety of colors. Per oz., 50c..... .05

LARGE FLOWERING PHLOX.

A magnificent class producing flowers nearly twice as large as the ordinary Phlox and of the most brilliant colors imaginable.

- Phlox Drummondii Grandiflora Alba.** Pure white, beautiful. Per oz., \$1.00..... .10
- Grandiflora "Brilliant."** Brilliant rose with dark red center; very effective. Per oz., \$1.00.. .10
- Grandiflora Carminea Alba Oculata.** Rich carmine, white eye. Per oz., \$1.00..... .10
- Grandiflora Chamois Rose.** Beautiful shade of rose. Per oz., \$1.00..... .10
- Grandiflora Coccinea.** Deep Scarlet, very brilliant. Per oz., \$1.00..... .10
- Grandiflora Kermesina Splendens.** Vivid crimson; very bright and effective; one of the best for masses. Per oz., \$1.00..... .10
- Grandiflora Splendid Mixed.** Richest variety of color. Per oz., 75c..... .10

PERENNIAL PHLOX.

Magnificent hardy flowering plants, growing into strong bushes two to three feet high, bearing immense heads of large waxy flowers. Will flourish in any soil, and require no protection.

Phlox Decussata. Mixed; a great variety of colors..... .10

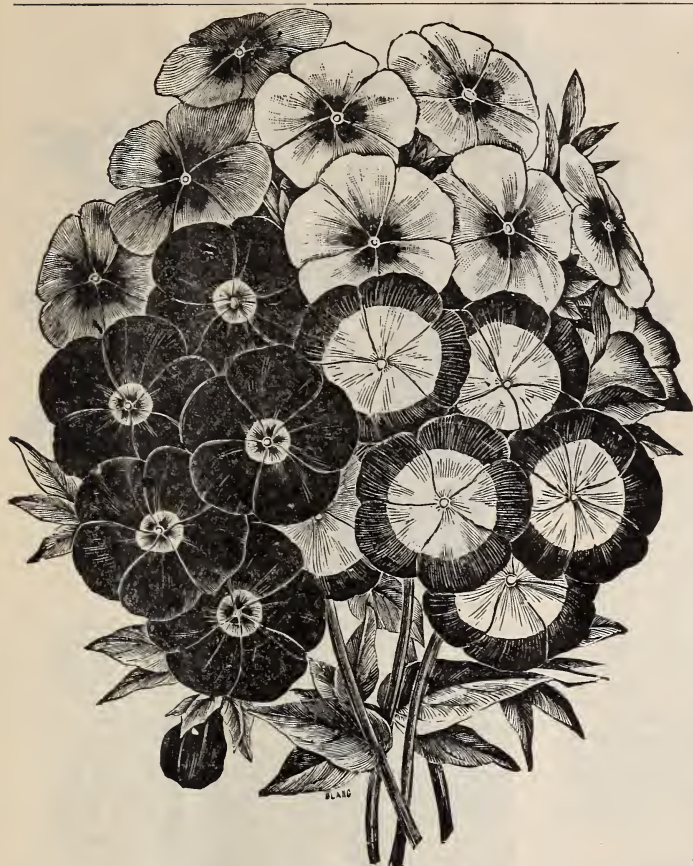


Petunia, Single Large Flowered Fringed.

STAR PHLOX.

A splendid class for bouquets. Flowers are of a regular star-like form, very novel and beautiful.

Phlox Drummondii Cuspidata. Finest mixed, per oz., \$1.00..... .10



Phlox Drummondii Grandiflora.

PINK—See *Dianthus*.

POPPY—*Papaver*.

Old fashioned flowers but very popular; there are a few species of great beauty, which are an ornament to any garden.

Poppy, Tulip. (*Papaver Glaucum*.) Flowers vivid scarlet with black spot at base of each petal; of tulip shape, the two other petals forming a distinct tulip cup. Plants grow about one foot high and produce from fifty to sixty brilliant flowers well above the foliage, resembling scarlet tulips. Hardy annual..... .05



Poppy, The Shirley.

The Shirley. (*Papaver Rhoeas*.) A magnificent Poppy with a rich tissue paper like appearance, the colors ranging from purest white to all shades of pink, rose, carmine and richest crimson, with an entire absence of black. Flowers

are single and semi-double. Hardy annual; very rich and effective mixture..... .05

Double Carnation-Flowered. (*Papaver Somniferum*, fl. pl.) Large globular flowers finely slashed and fringed. Plants from two to two and one-half feet high. A great variety of colors. Mixed, per oz., 20c..... .05

Double Paeony-Flowered. (*Papaver Paeoniflorum*, fl. pl.) A splendid class with large double flowers, greatly resembling Paeonies. Mixed, per oz., 20c..... .05

Iceland. (*Papaver Nudicaule*.) Hardy perennials, but will produce flowers the first season from spring-sown seed. The flowers are white, yellow and orange scarlet; are very useful for cutting and are produced in great profusion. The plants are very graceful, about 12 inches in height. Single finest mixed..... .05

PORTULACA.—Rose Moss.

There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many-hued brilliant-colored Portulaces. Whether used in baskets, beds or edgings, their splendid flowers are produced in great profusion and are very effective. They are in bloom from the first of July till killed by frost in autumn; tender annual, nine inches high.

Portulaca, Grandiflora. Single mixed, many colors. Per oz., 40c.. .05

Grandiflora, fl. pl. Double, mixed, finest quality10

PRIMULA.

Primula Auricula. An old and well-known favorite. Clusters of fragrant flowers of many colors. Tender perennials, six inches high. Finest quality, mixed..... .10

Primula Chinensis. (Chinese Primrose.) One of the most desirable plants for the house or conservatory; about eight inches high, with pretty and attractive foliage and flowers one and one-half to two inches in diameter, borne in clusters of 25 to 30. They are fine for winter and spring blooming and if transferred to the border will bloom all summer. Perennial, but new plants flower more freely and seed should be sown every year. One of the best pot plants.

Fimbriata Mixed. Contains nothing but the finest fringed sorts, and cannot fail to give satisfaction..... .25

Primula Obconica Grandiflora. A profuse blooming Primrose, bearing on long stems, heads bearing from 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. Flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance..... .10

PYRETHRUM.

Pyrethrum Parthenifolium Aureum. (Golden Feather.) Beautiful gold-leaved bedding plant; used largely for carpet bedding, edging, etc. Per oz., 75c..... .05

RICINUS.—See Castor Oil Plant.

SALVIA.—Flowering Sage.

A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming the first year from seed.

Salvia Splendens. (Scarlet Sage.) Beautiful bright scarlet..... .05

Salvia, "Bonfire." (Clara Bedman.) This is one of the finest Salvias ever introduced. It differs from all others, growing in a compact bush about two feet high by two feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark-green foliage and completely covers the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation..... .10

Salvia Patens. Handsome foliage and erect strong stems, bearing heads of broad tubular lipped flowers of a rich bright blue color..... .10

SALPIGLOSSIS.

Very showy bedding or border plants, with richly colored, erect funnel-shaped flowers. The colors are beautifully marbled and penciled, purple, scarlet, crimson, yellow, buff, blue and almost black. Bloom from August to October. Half-hardy annual; one and one-half to two feet high.

Salpiglossis, Grandiflora. Large flowering, finest mixed..... .05

SANVITALIA.

Sanvitalia Procumbens, fl. pl. Very pretty dwarf trailing plants, excellent for rockwork, borders or edging of beds. It is so completely covered with flowers as to nearly hide the foliage. Double flowers of a brilliant golden yellow, resembling a miniature double zinnia. Hardy annual; six inches high..... .05

SCABIOSA--Mourning Bride.

Handsome flowers of exceeding sweetness, in hemispherical heads on long stems. Very useful for bouquets, as their long stems work easily, and their striking colors, as well as fragrance, are desirable. Hardy annual, one to two feet high.

Scabiosa, Candidissima, fl. pl. (Snowball.) Large flowering double, pure white. Very fine..... .05

Large Flowering Double. Finest mixed. Per oz., 30c..... .05

Double Dwarf. All colors. Per oz., 30c..... .05

SENSITIVE PLANT--Mimosa Pudica.

A very curious plant, with elegant foliage and globular heads of pink flowers; well known for the extreme irritability of its leaves and foot stalks which close and droop at the slightest touch, or in cloudy, damp weather, and during the night. Tender annual; one and a half feet high.

Sensitive Plant. Per oz., 50c..... .05

SMILAX--Myrsiphyllum Asparagoides.

No climbing plant in cultivation surpasses this for the graceful beauty of its foliage. In cut flowers and for wreaths, etc., it is indispensable to florists. Its hardy texture enables it to keep several days after being cut, without wilting; nothing is finer for clothing statuettes, vases, etc. The seed germinates very slowly, sometimes requiring three or four weeks. Tender perennial climber; ten feet high.

Smilax. Per oz., 75c..... .10

SNAPDRAGON--See Antirrhinum.

STOCK.



Stock.

The stock is one of the most popular plants either for bedding or for pot culture. It has for many years been a general favorite, but in late years the Germans have grown them in such perfection that they are considered almost indispensable where a fine display is wanted. A large proportion of the double flowers are produced from seed. Hardy annual; one foot high.

Stock, White Perpetual, or Cut and Come Again. Of strong growth and fine branching habit. Grows about one and one-half feet high and produces from spring to late in the fall pure white, beautifully shaped double flowers..... .10

Large Flowering Dwarf, Ten Weeks. White.. .10

Brilliant Rose10

Crimson10

Blood Red10

Light Blue10

Purple10

Mixed, a very rich mixture.10

Dwarf, German, Ten Weeks. Fine mixed. Per oz., \$1.50...... .05

SUNFLOWER--Helianthus.

Adapted by its stately growth for a back ground to a lawn or screen to hide unsightly places. It is also raised as an absorbent of miasma in damp or ill drained situations, thus preventing fevers. The flowers are really quite attractive. Hardy annual; five feet high.



Primula Chinensis Fimbriata.

Globe-Flowered Double. (Helianthus Globosus Fistulosus, fl. pl.) Enormous flowers of bright yellow color; five to six feet high. Per oz., 15c..... .05

Dwarf Double. (Helianthus Nanus, fl. pl.) Golden yellow, two and one-half to three feet high; true. Per oz., 15c..... .05

Cucumerifolius "Stella." The plants of this grand new Sunflower are well branched and bushy, and attain a height of three to four feet. The flowers are finely formed, two and one-half to three inches across, of pure golden yellow, with black discs; borne on long stems well above the lively green foliage. When grown in a sunny situation the plants bloom so abundantly from seed sown in spring, that flowers may be cut daily from early summer until killed by frost..... .10



Sunflower, Double.

Sunflower, Double. (Helianthus Californicus, fl. pl.) Large double orange; per oz., 15c..... .05

Large Russian. A very tall growing single variety, often 15 to 20 feet high; the stalks are sometimes used for fuel. Per oz., 5c..... .05

SWEET PEAS--Lathyrus Odoratus.

Few flowers are more deservedly popular than these showy, free flowering climbers. The purity and brilliancy of their coloring and their peculiar and graceful form make them universal favorites. They are unsurpassed for hedges and for cutting.

Culture. Sweet Peas should be sown in drills as early as possible in the spring, in rich friable soil. Prepare the bed by thoroughly working in a large quantity of well rotted manure. Make a trench six inches deep. In this sow the seed and cover two inches deep; as soon as the plant begins to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of the summer. As fast as the flowers come into bloom or fade, they should be cut off, for if the pods are allowed to form the plants will stop blooming.

Our stocks are from the Mammoth Sweet Pea Fields of California; carefully rogued; grown by the best growers who know the true varieties. They will be found true to name.

Cupid, Dwarf or Bedding Sweet Peas. A distinct American novelty; shows no tendency to climb, but branches from the root, forming a compact bushy plant, growing from six to eight inches high, and shooting up stems about six inches long, which bear from three to four handsome blossoms, all borne close to the end of the stem. Wonderfully free-blooming, and the flowers are of full size and good substance. Desirable both for pot culture and planting in the open ground, and valuable also as a plant for edgings.

White Cupid. Pure white. Per pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

Pink Cupid. Pink and white, like Blanche Ferry. Per pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.



Sweet Pea, Extra Early Blanche Ferry.

OUR SELECT LIST OF SWEET PEAS.

Includes the best, in both new and old varieties. All varieties are 5c per packet.

- America.** Cardinal stripe on white ground. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Apple Blossom.** Bright pink and blush. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Aurora.** Flaked orange salmon on white ground. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Blanche Burpee.** Pure white; of exquisite form and immense size. Very free flowering. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Blanche Ferry.** Pink and white. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Blanche Ferry, Extra Early.** Color same as Blanche Ferry; ten days earlier, of dwarfer habit; profuse flowering. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Blushing Beauty.** Delicate pink. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Boreatton.** Bronze, crimson and purple. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Butterfly.** White and lilac. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Captain of the Blues.** Purplish claret; wings lighter, shading pale blue. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Captivation.** Ruby purple or bright claret. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Cardinal.** Crimson scarlet. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Celestial.** Clear lavender. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Coquette.** Primrose yellow, shaded with pale lavender. Oz., 10c; ¼ lb., 25c; lb., 75c.
- Creole.** Pinkish lavender and light lavender. Oz., 10c; ¼ lb., 25c; lb., 75c.
- Countess of Radnor.** Delicate lavender. Oz., 10c; ¼ lb., 20c; lb., 60c.

- Dorothy Tennant.** Rosy heliotrope. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Duke of Clarence.** Brilliant shade of rose claret. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Emily Eckford.** Heliotrope. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Emily Henderson.** Beautiful pure white. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Fairy Queen.** Pinkish white, delicately striped with crimson. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Firefly.** Intense growing crimson scarlet. Oz., 10c; ¼ lb., 25c; lb., 75c.
- Gaiety.** White, lilac and rose striped. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Gray Friar.** Pale purple on white ground; distinct, beautiful. Oz., 10c; ¼ lb., 25c; lb., 75c.
- Invincible Scarlet.** Bright scarlet. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Juanita.** Pure white, delicately lined and striped with pale lavender. Oz., 10c; ¼ lb., 25c; lb., 75c.
- Katherine Tracy.** Solid brilliant pink, the finest pink in existence. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Lady Penzance.** Orange Pink; wings darker, purer pink. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Lemon Queen.** Blush white, shaded lemon. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Lottie Eckford.** White, edged lilac; beautiful. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Lovely.** Soft shell pink. Oz., 10c; ¼ lb., 25c; lb., 75c.
- Mars.** Intense crimson Scarlet. Eckford's novelty, 1897. Oz., 10c; ¼ lb., 25c; lb., 75c.
- Mrs. Eckford.** Beautifully shaded, primrose yellow. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Orange Prince.** Bright orange, flushed pink. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Primrose.** Pale, primrose yellow. Oz., 10c; ¼ lb., 15c; lb., 50c.
- Princess of Wales.** White, shaded and striped with purple. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Ramona.** Creamy white, flaked with soft pink. Oz., 10c; ¼ lb., 25c; lb., 75c.
- Red Riding Hood.** Rosy pink, shading to blush white at the calyx; very fragrant; entirely distinct; new. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Senator.** Shaded and striped chocolate, purple and white. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Stanley.** Rich, dark maroon; handsome. Oz., 10c; ¼ lb., 25c; lb., 75c.

SWEET PEAS IN MIXTURE.

- Golden Gate Mixture.** Containing forty of the finest Eckford and other new and choice large flowering varieties; (our own mixture) will be sure to please. Oz., 10c; ¼ lb., 25c; lb., 75c.
- Eckford's New Mixed.** A mixture of Eckford's choicest varieties. Will astonish and delight everyone. Oz., 10c; ¼ lb., 20c; lb., 60c.
- Choice Mixed.** Many choice colors; will make a beautiful display. Oz., 5c; ¼ lb., 10c; lb., 30c.

SWEET WILLIAM—*Dianthus Barbatus.*



Sweet William.

A bed of the finer varieties sports into an endless variety of colors, and presents a beautiful sight. For display in the garden, the Sweet William is unsurpassed. The seed can be planted very early in the spring in open ground and will blossom the following autumn; or it can be sown in August and it will make fine blooming plants for spring. The plants will bloom several years, but young plants will bloom better, and seed should be sown every year. Hardy perennial; one and a half feet high.

Sweet William, Double. (*Dianthus Barbatus*, fl. pl.) Fine mixed, per oz., 75c..... .05
Sweet William, Single, Mixed, per oz., 25c..... .05

TROPÆOLUM MINOR—See *Dwarf Nasturtium*.

TROPÆOLUM—*Lobbianum and Majus*.
See *Tall Nasturtium*.

THUNBERGIA.

Thunbergia Alata. Beautiful rapid growing annual climbers, splendid for trailing over trellises, fences, etc.; very pretty flowers in buff, orange, white, etc.; mixed colors..... .05

VERBENA.

No plant is more generally cultivated, or more eagerly sought after than the Verbena, and no plant excels it for masses in beds on the lawn. In the varieties may be found every color except yellow. They flower perfectly well from seed sown in the spring. If sown in open ground in May they will bloom in August, but if started in the house, in pots, in winter, they will be in bloom sooner. Half-hardy perennial trailer; one foot high.



Verbena.

- Verbena Hybrida, Mammoth.** Has flowers nearly twice as large as the ordinary sorts, of very brilliant colors and large, distinct eyes. The plants are vigorous growing and very free flowering. Per oz., \$2.50..... .10
- Hybrida, Fine Mixed.** Seed saved from a beautiful collection. Per oz., \$1.50..... .05
- Verbena, Citriodora.** (Aloysia.) Lemon Verbena. A universal favorite. Lemon scented foliage..... .10

VIOLET—*Viola*.



Violet.

The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady, sheltered place, and can be easily increased by dividing the roots. Double violets do not seed. Hardy perennials; six inches high. The seed germinates very slowly.

Violet, Single, Sweet-Scented. (*Viola odorata semperflorens*.) Flowers blue..... .10

VINCA.

Ornamental free-blooming plants; flowering from seed the first season if sown early and continuing until frost. Glossy green leaves and handsome flowers. May be potted and kept in bloom through the winter. One and one-half to two feet high.

- Vinca, Rosea.** Rose, with crimson eye..... .10
- Vinca, Rosea Alba.** White, with rose center.... .10
- Vinca, Alba Pura.** Pure white..... .10
- Vinca, Fine Mixed.**..... .05

WALL FLOWER.—*Cheiranthus Cheiri*.



Wall Flower, German Double.

The large massive spikes of the Wall Flower are very conspicuous in beds and borders, and are very useful in making bouquets. They are deliciously fragrant and combine many shades and colors. Tender perennial; one and one-half feet high.

- Wall Flower, Fine German Double.** Mixed... .10
- Wall Flower, Single.** Per oz., 40c..... .05

WILD CUCUMBER VINE—See *Echynocystis*.

ZINNIA.

No flowers are more easily grown from seed in the open ground, and few bloom so continuously through the summer and autumn as the Zinnia. They grow two feet high and bear flowers of immense size, perfectly double, and as perfect in form as Dahlias. Hardy annual.

Zinnia, Elegans, fl. pl. Tall double, mixed. Perfectly double flowers of grand form, large size and brilliant colors. Per oz., 30c..... .05

Mixed Flower Seed. Annuals, for open ground sowing. Makes a grand display. Per oz., 10c.... .05

COLLECTIONS OF FLOWER SEEDS IN PACKETS.

STRICTLY OUR OWN SELECTION.

Where the selection of Flower Seed is left to us, we make up collections of choice varieties of easy culture and free blooming habit, at the prices named below.

These collections will invariably be found very satisfactory, particularly to those purchasers who are not familiar with the different varieties listed.

- Collection No. 1.** Twelve Choice Annuals, distinct varieties\$0.50
- “ **No. 2.** Eighteen Choice Annuals, distinct varieties75
- “ **No. 3.** Twenty-five Choice Annuals, distinct varieties 1.00
- “ **No. 4.** Six varieties Choice Asters50
- “ **No. 5.** Six varieties Choice Pansies, separate colors40
- “ **No. 6.** Ten varieties Pansies, including one packet “Greater Cleveland” Pansies..... .75

BULBS FOR SUMMER AND AUTUMN BLOOMING.

Prices given include Prepayment by Mail Unless Otherwise Noted.

TUBEROUS-ROOTED BEGONIAS.

Tuberous-Rooted Begonias are among the handsomest and most popular of our summer bulbs, both for planting in the open border for summer decoration, and for growing in pots for the greenhouse, conservatory or sitting room. Nothing can excel the brilliancy of their colors, the delicacy of their tints, the richness of their waxy flowers and their graceful appearance in beds or borders.

GIANT FLOWERING VARIETIES.

Single. White, Pink, Scarlet, Yellow, each 10c; set of 4 colors, 30c; per dozen, 55c.

Single. Mixed, each, 8c; per doz., 75c.

Double. Mixed, each 15c, 3 for 40c; per dozen, \$1.50.

CANNAS.

Nothing is more effective for grouping on lawns or for large beds in parks than these ever-blooming Cannas. They commence flowering very soon after being planted out in the ground and continue until stopped by frost in the fall. Grown as pot plants they make beautiful, showy specimens for the porch during summer, and if taken into the conservatory or window garden before frost will continue to bloom all winter.

We furnish only started plants, well rooted and ready for rapid growth from the time they are planted out, which will be in this latitude about May 20th to 25th. They will prove to be more satisfactory than dormant roots.

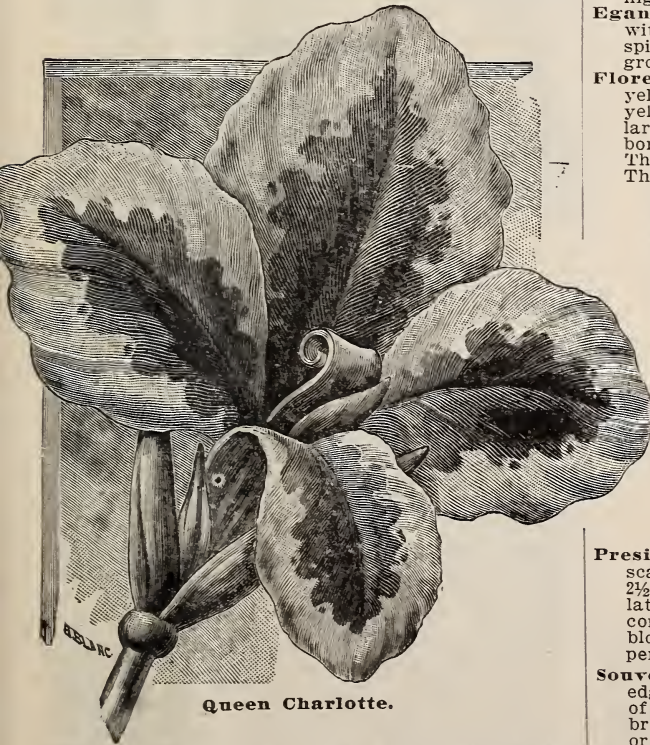
If by mail, add 5c per plant to cover postage.

GIANT ORCHID-FLOWERED.

Entirely distinct from the Dwarf French Cannas. A new race which originated in Italy. Of strong growth, with handsome foliage; the flowers are very large and distinct in shape from all other Cannas, having a short throat, and broad, finely ruffled petals, which form a flat bloom, rarely measuring less than six inches across. Should be planted in a shaded situation.

America. The first red-leaved Canna in this class. Height four to five feet. Foliage fine glossy bronze; flowers extra large, deep orange red, flamed and striped with deeper shades; entirely distinct from any other Canna, both in foliage and flower.

Austria. Has very broad bright green foliage, a rank, vigorous grower, four to six feet in height. Spikes slender and produced in abundance; flowers very large, of pure canary yellow, dotted with brown in the throat.



Queen Charlotte.

Italia. Is of a bright orange scarlet with a very broad golden yellow border; the flowers, which are produced on massive stems about 16 inches long, set well above the large heavy foliage. A remark-

able free bloomer, and one of the most magnificent of the gilt-edged sorts.

Burbank. The new California Hybrid with giant orchid-like flowers. The plant is a very strong grower, five to six feet high, with rich green leaves, very wide and much thicker than those of ordinary Cannas, with a texture not unlike the rubber plant. The flowers are of gigantic size, the three upper petals spreading fully seven inches; color, rich canary yellow, with a few carmine spots in the throat.

Price, 15c each, \$1.50 per dozen; set of four varieties for 50c.

DWARF FRENCH CANNAS.

Collection of the Best Standard Varieties.

The varieties offered in this collection are standard, well tried sorts. We can recommend them for all purposes, especially for massing in large quantities.

Admiral Avellan. One of the best of the dark-leaved varieties. Foliage clean, deep purplish bronze. Very fine bloomer, with good-sized truss, borne well above the foliage. Flowers of good size, rich orange scarlet color. Plants erect, four to five feet high.

Alphonse Bouvier. This is one of the finest varieties ever introduced. It is a remarkably luxuriant and free grower, and for outdoor bedding is the grandest of all Cannas. In rich ground with good cultivation attains a height of six to seven feet. In color it is a rich, brilliant crimson; foliage rich deep green.

Chas. Henderson. A grand variety that has become very popular. The flowers are a deep rich crimson, borne in compact symmetrical heads above a rich green foliage. In habit of growth the plant is compact and uniform, and rarely exceeds a height of three and one-half feet, making it a desirable companion to such varieties as Florence Vaughan and Madame Crozy.

Chicago. Grand vermilion scarlet; flowers very large and flat, petals broad and five in number, composing a magnificent flower in a very large truss. Of erect growth, three to four feet high, foliage bright green. One of the best scarlet Cannas extant.

Duke of Marlborough. The darkest flowered Canna—a rich velvety maroon. A handsome vigorous grower; fine metallic green foliage. Finely shaped flowers, in large well-balanced trusses. Three feet high. 15c each, \$1.50 per dozen.

Egandale. An especially valuable bedding variety with dark foliage and strong, compact flower spikes; color cherry red. It is of compact, uniform growth, attaining a height of four feet.

Florence Vaughan. Undoubtedly one of the finest yellows ever sent out. In color it is a rich golden yellow, spotted with bright red. The flowers are of largest size, great substance, perfect form and are borne in large heads and in the greatest profusion. The foliage is massive and of a rich green color. The plants rarely exceed three feet in height.

L. E. Hally. Flowers very large, with broad, heavy petals; color light canary yellow, spotted with orange.

Madame Crozy. Plant is of vigorous growth, yet very dwarf in habit, rarely exceeding four feet in height. Foliage is very massive and of a rich green; flowers are of deepest vermilion, bordered with golden yellow; they are produced on large branching stems, closely set with blossoms which follow each other so rapidly that the plant is always in bloom.

Queen Charlotte. Entirely distinct in markings from any other variety. The flowers are large, with well rounded petals of intense scarlet crimson, and a broad, rich golden yellow border. The flower spike, which is full and well formed, stands well above the leaves. The plant is handsome, with broad, bluish green leaves; a sturdy, compact grower and profuse bloomer; attains a height of about three feet.

President McKinley. Brilliant crimson with bright scarlet shading. Plant is dwarf, rarely exceeding 2½ or 3 feet; foliage rich deep green with chocolate colored margin. One of the earliest bloomers, coming into flower when 14 to 18 inches high, and blooming continuously thereafter. 15c each, \$1.50 per dozen.

Souvenir d'Antoine Crozy. One of the finest gilt-edged varieties yet introduced. Flowers are large, of an intense scarlet crimson, bordered with a broad, rich golden yellow band, and do not fade or scorch in the most intense hot and dry weather. The plant is strong, vigorous, with clean, light green, narrow foliage. Height three to four feet.

Price, except where noted, 10c each, \$1.00 per doz. One each in set of 12 varieties for \$1.00.

CALADIUM ESCULENTUM.

Elephant's Ears.



Caladium Esculentum.

A very effective plant and suitable for either a single plant on the lawn, masses in beds, or for margins of water; its very distinct apron-like leaves often attain the length of three feet by twenty inches wide. Bulbs can be stored in dry sand in winter and kept from year to year.

- Small Bulbs, 1 to 1½ inches in diameter, 5c each, 50c per doz., postage 10c per doz. extra.
- Third Size Bulbs, 1½ to 2 inches in diameter, 8c each, 75c per doz., postage 25c per doz. extra.
- Second Size Bulbs, 2 to 3 inches in diameter, 10c each, \$1.00 per doz., postage 5c each extra.
- First Size Bulbs, 3 to 4 inches in diameter, 15c each, \$1.50 per doz., postage 8c each extra.
- Extra Large Bulbs, 4 to 5 inches in diameter, 25c each, \$2.50 per doz., postage 12c each extra.
- Mammoth Bulbs, 5 to 6 inches in diameter, 40c each, three for \$1.00, postage 20c each extra.

GLADIOLUS.



Gladioli.

The gladiolus is the most beautiful of the Summer Bulbs, with tall spikes of flowers two feet or more in height, often several from the same bulb. The flowers are of almost every desirable color.

The culture is very simple; they thrive in almost any good soil, except a stiff clay, require full sunlight, and are only liable to injury from rank manure. Plant the bulbs six to nine inches apart; the large ones four inches and the small ones two inches deep. Make an early planting of the smallest bulbs first, as soon as the ground is sufficiently dry and warm, and continue

to plant at intervals of two weeks during the spring and early summer. In this way a succession of bloom may be had from midsummer until frost. In autumn, before freezing, they should be dug and dried, the earth and old roots removed and then stored in a cool, dry place, secure from frost, until spring. If wanted by mail, add 10c per dozen for postage.

CHOICE NAMED GLADIOLI.

The following are all choice sorts, and will give the best satisfaction. The varieties offered cover a wide range of color.

- African.** Black crimson; white blotch; the darkest colored of all. Each, 10c; per doz., \$1.00.
- Bertha.** Brilliant light scarlet. Each, 10c; per doz., \$1.00.
- Brenchleyensis.** Bright scarlet. Each, 5c; per doz., 40c.
- Ceres.** White blotched rose. Each, 5c; per doz., 40c.
- Eugene Scribe.** Tender, rose blazed with carmine. Each, 10c; per doz., \$1.00.
- Isaac Buchanan.** Clear canary yellow. Each, 5c; per doz., 50c.
- John Bull.** White tinged sulphur. Each, 5c; per doz., 50c.
- Mabel.** Deep pink, shaded carmine. Each, 5c; per doz., 50c.
- Madam Monneret.** Rose pink. Each, 5c; per doz., 50c.
- Marie Lemoine.** Cream white, spotted with purplish violet. Each, 5c; per doz., 50c.
- May.** White ground, penciled with crimson. Each, 10c; per doz., \$1.00.
- Snow White.** Pure paper white; the best white variety. Each, 20c; per doz., \$2.00.

MIXED GLADIOLI.

Lemoine's New Hybrids. A remarkably beautiful class, with peculiar markings and gay colors; two or three weeks earlier than other sorts. Best mixed, containing every shade and color imaginable. Each, 5c; per doz., 50c.

Cushman's Seedlings. Splendid strain; scarcely two will be alike, and a hundred taken without selection will produce as many fine blooms as can be gathered promiscuously from as many named sorts. Each, 5c; per doz., 50c.

Shades of red mixed.....	each, 3c;	doz., 25c;	100, \$1.75
White and light mixed.....	4c;	35c;	2.50
Yellow mixed	4c;	40c;	3.00
Pink mixed	4c;	35c;	2.50
Striped and variegated.....	4c;	35c;	3.00
Extra fine mixed, all colors	two for 5c;	25c;	2.00

GLOXINIA.

Gloxinias are among the handsomest of our summer-blooming greenhouse plants; the gorgeously colored flowers are spotted, shaded or mottled in the most magnificent way, and the foliage has a velvety appearance. Bulbs should be started in spring in a warm place; they require partial shade and a liberal supply of water when growing. After blooming, water should be withheld, and the bulbs carefully dried and put away in a dry place through the winter. Good bulbs, finest mixed, each, 15c; 3 for 40c; per doz., \$1.50.

LILIES.

The Lily has been, with eminent propriety, styled the "Queen of Flowers," and truly no flower conveys so adequate an idea of queenly beauty, majestic grandeur and faultless purity as the Lily. Their culture is simple, and with a little care failure is impossible. The bulbs should be planted in spring, as soon as frost is out of the ground until the first of May; the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size. During the winter it is advisable to cover the surface of the bed with a thin layer of manure, which will not only afford slight protection to the bulbs, but will materially enrich the soil. In spring the manure may be removed or dug in between the rows. Care should be taken that they have proper drainage, no water being allowed to stand around the roots. Once firmly established, they should not be disturbed oftener than once in five years.

Auratum. (Golden Banded Lily of Japan.) This magnificent Lily succeeds well everywhere. It is justly entitled to the name often given it, "The Queen of Lilies," as it is decidedly the most beautiful of all lilies. The immense flowers are produced in the greatest profusion, and are deliciously fragrant. In beauty of color and markings it surpasses all others. The large white petals are thickly spotted with rich chocolate crimson, and have a bright golden yellow band through the center of each.



Extra large bulbs, 11-13 in. cir., each, 25c; per doz., \$2.50; postage 3c each extra.

First size, 9-11 in. cir., each, 15c; per doz., \$1.50; postage 4c each extra.

Second size, 8-9 in. cir., each, 10c; per doz., \$1.00; postage 3c each extra.

Speciosum Album. Large white flowers of great substance, with a greenish band running through the center of each petal; very fragrant.

Extra large bulbs, 11-13 in. cir., each, 20c; per doz., \$2.00; postage 5c each extra.

First size bulbs, each, 15c; per doz., \$1.50; postage 4c each extra.

Second size bulbs, each, 10c; per doz., \$1.00; postage 3c each extra.

Speciosum Rubrum. One of the best lilies. White, with band and spots of rose or crimson on each petal. The petals are beautifully recurved as shown in cut.

Extra large bulbs, 11-13 in. cir., each, 20c; per doz., \$2.00; postage 5c each extra.

First size bulbs, each, 15c; per doz., \$1.50; postage 4c each extra.

Second size bulbs, each, 10c; per doz., \$1.00; postage 3c each extra.

Speciosum Melpomene. Very large flowers; rich blood-crimson, heavily spotted. Each, 15c; per doz., \$1.50; postage 4c each extra.



Longiflorum. A well-known white, trumpet-shaped lily. Extra fine bulbs, 15c each; \$1.50 per doz.; postage 3c each extra.

Tigrinum, fl. pl. (Double Tiger Lily.) Grows from four to six feet high and produces an immense number of double, bright orange red flowers spotted with black. 10c each; \$1.00 per doz.; postage 3c each extra.

MADEIRA VINE.

Tuberous rooted climber, with glossy, green leaves, and delightfully fragrant, white blossoms. Sometimes called "Mignonette Vine." It is of rapid growth, and from a few tubers vines will be produced sufficient to cover one side of a cottage in a single season. The tubers are tender and must be protected from frost during winter. 5c each; 50c per doz.

OXALIS, SUMMER FLOWERING.

They are charming for pots and hanging baskets, giving a graceful display of fine foliage and flowers.

The bulbs can be planted as early as May first and will produce quickly an unbroken row of elegant foliage and pretty flowers, that is maintained from early summer until late in fall. Per doz., 10c; per 100, 60c.

CINNAMON VINE.

A beautiful rapid climber with very large heart-shaped leaves. Perfectly hardy, the stem dying down every autumn, but growing in spring so rapidly as to cover any trellis or arbor very early in the season. Large roots, 5c each; 50c per doz.

TUBEROSE.

One of the most fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers, they can be started in February or March in the greenhouse or hot bed; and for a succession they may be planted at intervals as late as August. For flowering in the open border, plant about the first of May. Each bulb flowers but once, but the smaller bulbs can be set out for future flowering when their growth is complete.

Double Pearl. This variety is characterized by its short, robust stem and long spikes of large flowers in great profusion, perfectly double and twice the size of the common tuberose, while of equally delicious fragrance. Extra large bulbs, 3 for 10c; 25c per doz.; \$1.50 for 100. If wanted by mail, add 12c per dozen extra.



Double Pearl Tuberose.

HARDY BULBS AND VINES.

By Express only; Prices do not Include Prepayment.

AMPELOPSIS VEITCHII.—*Boston Ivy* or *Japan Ivy*.

No picture can portray the beauty of this great climbing plant. It is adapted to all situations, and transforms the humblest cottage. It is entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or woodwork with the tenacity of ivy. The leaves, overlapping each other, form a dense sheet of green. For covering dead trees, rocks, walls, etc., it has no equal. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of scarlet, crimson and orange, so dazzling as to be seen at a great distance. Splendid field grown plants, very large, three years old, 20c each, \$2.00 per doz.



Purple.) Jackmanii Clematis. (White.

CLEMATIS.

The Clematis is entirely hardy, and for covering large spaces quickly is unrivaled. Blooms during the entire season and embraces a great variety of color. Our list, while not extensive, includes the best varieties, such as we know to succeed best in our climate. The plants we offer are Holland grown, three and four years old; they are exceptionally strong and will bloom with full vigor the first season. Plant any time from April to June. The plants must have a sunny location and good culture, and should be pruned early in the spring. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least three inches below the surface of the soil.

Jackmanii. A strong, healthy grower, and blooms with astonishing profusion from July to November, on shoots of present season. Flowers are of a deep velvety purple and very large.

Jackmanii Alba. Pure White.

Lady Caroline Neville. Blush White.

Gypsy Queen. One of the best of the rich purple varieties; a strong grower and a free bloomer.

Henryi. Creamy white, large and handsome.

Kermesina. Crimson flower, small but profuse bloomer; extra strong plants.

Price each, 60c; per doz., \$6.00.

CLEMATIS PANICULATA.

A remarkably beautiful hardy climber. Flowers pure white, star-shaped, about one inch in diameter, borne in large clusters. Plant is a strong vigorous grower, the flowers are very fragrant and appear in the greatest profusion during August, and continue until late in the fall. Succeeds well in almost any position. Strong field grown plants, each, 25c; per dozen, \$2.50.

HERBACEOUS PÆONIES.—*Hardy*.



Pæonies.

Magnificent hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They require little or no care and produce larger and finer blooms when well established.

We have a choice assortment of these beautiful plants in shades of red, pink, scarlet and white. Price, each, 25c. Set of twelve varieties, \$2.50.

Fall Bulbs: Our catalogue of Bulbs for Fall planting will be issued about September 15th. Mailed free upon application. Write for it.

HYDRANGEA.—*Hardy Variety*.

Paniculata Grandiflora. Few plants have the grace and beauty of this grand shrub. It grows in any soil and blooms the first year it is set out; flowers abundantly, bearing large panicles of bloom, white at first, and changing to a deep pink as the season advances. Used largely in cemeteries. Field grown plants, two to three feet 25c each, \$2.50 per doz.



Hydrangea Paniculata Grandiflora.



WE ARE CLEVELAND AGENTS FOR
Bowker's Special Manures,
 FERTILIZERS, CHEMICALS, ETC.

They are
SOLUBLE, ACTIVE, SURE.

Manufactured by the BOWKER FERTILIZER CO., Boston
 and New York, an Independent Company.

The Bowker Fertilizer Company is the original and largest manufacturer of special fertilizers in the country, and its output amounts to more than 100 tons for every working day in the year.

A Complete Catalogue of Bowker's Fertilizers will be mailed upon Application.

STOCKBRIDGE (SPECIAL COMPLETE) MANURES.

These celebrated fertilizers are special fertilizers made for different crops or classes of crops; they not only go further and cost less per acre, but furnish to growing crops at the right time, in the right forms, and in the right proportions, all the elements they need for perfect maturity.

Potato Manure, Corn and Grain Manure, Grass Manure, Top Dressing, Seeding Down Manure, Root Manure, Asparagus Manure, Celery Manure, Lettuce and Spinach Manure, Pea and Bean Manure, Cabbage and Cauliflower Manure.....Per bag 100 lbs., **\$2.25**; per ton, **\$45.00**

Bowker's Potato and Vegetable Manure. This is a high-grade fertilizer manufactured especially for potatoes, but will give good results on any other root crop. It is second only in analysis to our Bowker-Stockbridge Potato Manure. It is sold at a lower price than the Stockbridge brand, and is a popular potato fertilizer among those who have used it. The demand for it increases steadily, from which it is safe to say that it has given excellent results. Per sack, 200 lbs., \$3.75; per ton, \$33.

Hardwood Ashes (from Canada). Unleached and unadulterated. "Nature's Plant Food." Everybody knows the value of ashes. They are no experiment. As is well known, ashes are not a complete, balanced fertilizer. They lack ammonia and phosphoric acid, but they contain potash and lime, both of which are essential not only as plant food, but also as sweeteners of the soil and solvents of other plant food ingredients. They are considered especially valuable as a top dressing for grass land and lawns, and also for use in connection with stable manure, or where the soil is rich from previous manuring and needs something to quicken and sweeten it. 10 lbs., 25c.; 25 lbs., 50c.; 50 lbs., 75c.; per bag, 100 lbs., \$1.00; per ton, \$18.00.

Nitrate of Soda (95 per cent. purity). A fertilizer for all crops; valuable solely for the nitrogen it contains, equal to 20 per cent. of ammonia. It is chiefly a stimulant, is very quick in action and hastens maturity of crops fully two weeks. Being extremely soluble, should not be applied until the plants are above ground, when 100 to 250 lbs. per acre may be sown, mixed with wood ashes or land plaster for convenience in applying. Per lb., 10c.; 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; per bbl., 200 lbs., \$6.50.

Peruvian Guano. Peruvian Guano is one of the most powerful stimulants for plants and growing crops. For pot plants it should always be used as a liquid, $\frac{1}{2}$ lb. to 8 or 10 gallons of water, applied once a week. When used in a dry state should be mixed with loam or plaster, not with lime, ashes or clay, nor should it come in contact with growing plants. The quantity used per acre is 300 to 400 lbs. Ten per cent. ammonia. Per lb., 10c.; 5 lbs., 40c.; 10 lbs., 75c.; 25 lbs., \$1.50; 100 lbs., \$5.00.

LAWN FERTILIZERS.

FINE GROUND BONE.

Bone meal is recognized as the best all round fertilizer for the garden, lawn and farm. It decomposes slowly in the soil, the finer particles being immediately beneficial, the coarse keeping up the supply of plant food for a long period. It never burns the plant, whether applied as a top dressing or directly to the roots. Our bone meal is very fine—evenly ground—rich in natural ammonia and free from adulterations of any kind or nature. Per lb., 5c.; 10 lbs., 35c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00; per sack, 200 lbs., \$3.50; ton, \$23.00.

BOWKER'S LAWN AND GARDEN DRESSING.

It is an odorless, dry chemical powder, containing all the enriching qualities of stable dressing in a form easy to apply. It is applied in a dry state, like wood ashes, and will produce a strong, compact turf, covered with a luxuriant, healthy growth of rich green grass. Used in the garden, it produces beautiful flowering plants and delicious early vegetables. As it is made wholly from chemicals and by a chemical process, it is entirely free from disease germs and weed seeds; it is not a stimulant, but a perfect food for grass and other plants. Special circular free. 10-lb. bag, 50c.; 25 lb. bag, \$1.00; 50 lb. bag, \$1.75; 100 lb. bag, \$3.00.

GRANULATED TOBACCO AND SULPHUR.

Has no equal as a lawn dressing. It is convenient in form, easy of application, and will not burn or injure the lawn. For garden or field purposes it is invaluable. In flower beds, or in potting plants, the granulated tobacco stems mixed with the soil, in a proportion of about one part to five of soil, will produce lasting effects for the entire season. It will destroy all grubs that infest potatoes and strawberries, and produces a large, rapid growth. Per lb., 5c.; 10 lbs., 30c.; 50 lbs., \$1.25; bbl. of 200 lbs., \$5.00; per ton, \$45.00.

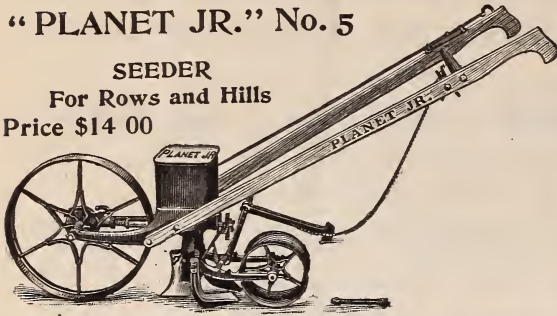
"PLANET JR." GARDEN TOOLS FOR 1900.

"PLANET JR." No. 5

SEEDER

For Rows and Hills

Price \$14 00



The "PLANET JR." No. 4

Combined Hill Dropping Seeder and Single Wheel Hoe

Price, complete, . . . \$12.00
" as a drill only, . . . 8.50



"PLANET JR." No. 3

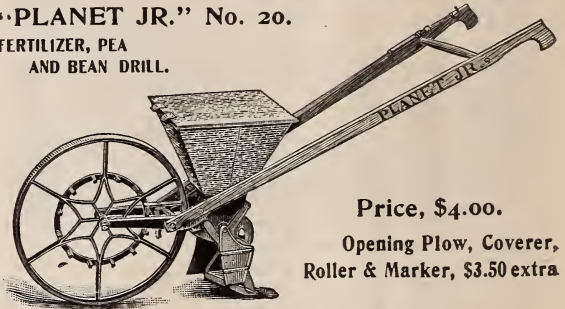
Hill Dropping Seed Drill

Price \$11.00



"PLANET JR." No. 20.

FERTILIZER, PEA AND BEAN DRILL.



Price, \$4.00.

Opening Plow, Coverer, Roller & Marker, \$3.50 extra

PLANET JR." No. 11.

Double Wheel Hoe, Cultivator, Rake
Price, \$9.50 and Plow.



No. 13, Double Wheel Hoe, has one pair of Hoes only.
Price, \$4.75.

"PLANET JR." No. 12

Double Wheel Hoe, Cultivator and Plow.
Price, \$7.25.



The "Planet" Jr." No 8 all Steel Horse Hoe and Cultivator.

...Price, \$10.00

Without depth regulator, (Order as No. 7), \$9.25



Planet Jr. No. 9

Horse Hoe and Cultivator
Price, \$8.50.



"PLANET JR."
Harrow & Cultivator
Price, Plain - \$6.50
" with Wheel 8.25
" complete 10.00



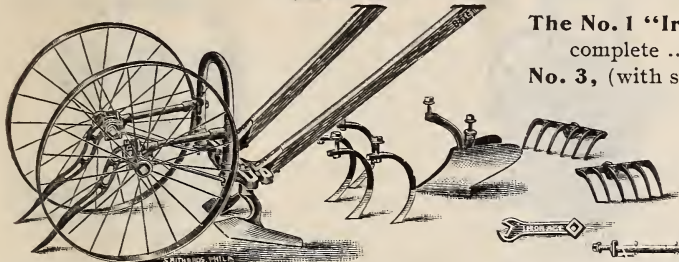
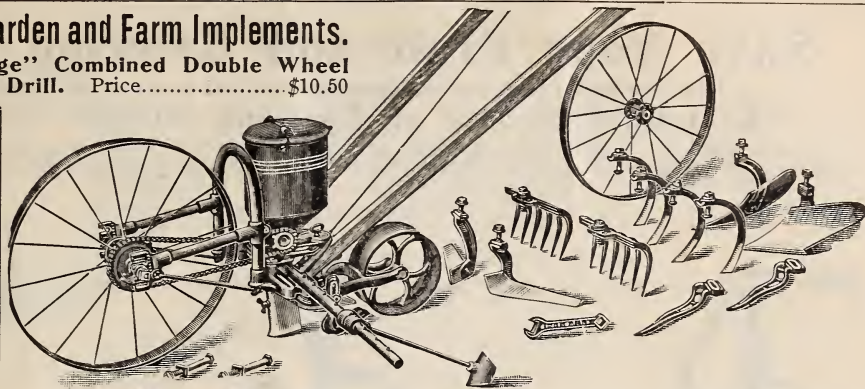
Space will not permit illustrating and describing all of the "Planet Jr." tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

We can furnish extras or repairs for any of the "Planet Jr." Tools. Send for Price List of Repairs.

The "Iron Age" Garden and Farm Implements.

The No. 4 "Iron Age" Combined Double Wheel Hoe and Seed Drill. Price.....\$10.50

The No. 8 "Iron Age" Hill and Drill Seeder. Price.....\$12.00

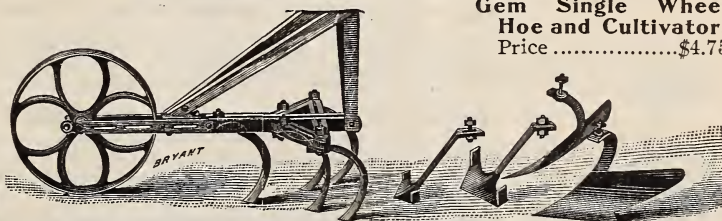
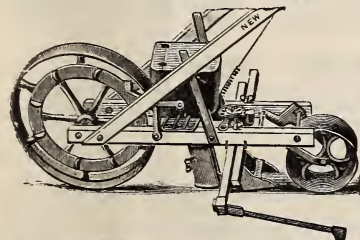


New Model Seed Drill. Price \$8.00

The No. 1 "Iron Age" Double Wheel Hoe. Price, complete\$7.00
No. 3, (with side hoes only)..... 4.25

The No. 6 "Iron Age" Horse Hoe and Cultivator. Price.....\$9.00
Without Furrow-Closing attachment.....\$7.75

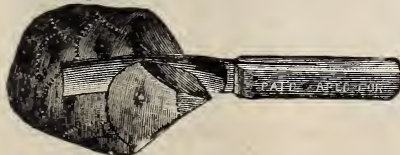
Gem Single Wheel Hoe and Cultivator. Price.....\$4.75



A complete catalogue of all the "Iron Age" Farm and Garden Tools will be mailed upon application.

Miscellaneous Garden Requisites.

Asparagus Knives.....	.30
Dibbles, wooden handle.....	.30
Dibbles, all iron.....	.40
Garden Tools, in sets, for children.....	.15 and .25
Garden Boxes. For market use, holding one bu., 2 styles, each.....	.15 and .16
Per hundred, \$14.00 and \$15.00.	
Grafting Wax. ¼ lb. package, 10c; ½ lb. package, 15c; 1 lb. package, 25c.	
Grain Bags. Two bu., each, 15c; per 100, \$12.00.	
Grass Catchers, will fit any lawn mower....	.45 and .75
Grass Edging Knife, long handle.....	.35
Grass Shears.....	.25
Grass Hooks or Sickles.....	.25 and .30
Hoes, square.....	.25, .30 and .40



Plaster Sifter.....	.50
Potato Knife.....	.30
Powder Guns, "Jumbo".....	.25
Powder Guns, "Cyclone".....	.15

Pot Labels, Wooden, Painted.	
4 in., per 1000.....	.75
4½ in., per 1000.....	.80
5 in., per 1000.....	.90
6 in., per 1000.....	1.25
Pruner, tree, 24-inch handles.....	.75
Pruning Shears, common.....	.35 and .50
Pruning Shears, French, 9 in.....	.75
Pruning Shears, French, 10 in.....	.90



Pruning Shears, Levin's, medium size.....	.60
Pruning Shears, Levin's, large size.....	.75
Putty Bulb, rubber, for glazing.....	.80

Raffia. For tying plants, vegetables, etc. Per lb., 20c; 5 lbs., 90c; 10 lbs., \$1.75.	
Rakes, garden, steel, 12 in.....	.50
Rakes, garden, steel, 14 in.....	.60
Rakes, garden, malleable, 12 in.....	.30
Rakes, garden, malleable, 14 in.....	.40
Rakes, lawn, 20 in.....	.60
Rakes, lawn, wooden, 22 teeth.....	.30
Rakes, lawn, wooden, 26 teeth.....	.40
Seeders, broadcast, "Little Giant" (crank).....	1.75
Seeders, broadcast (fiddle bow).....	1.25
Shovels, square, D handle, extra quality steel.....	1.00
Spades, D handle, extra quality steel.....	1.00
Sprinklers, plant, rubber..... small, .50, large, .80	
Spagnum Moss. Extra clean, for florists use. Burlap bales, each, \$1.25; five bales, \$6.00.	
Thermometers, tin japanned, 8 in.....	.15
Trowels, English garden, 6 in.....	.25
Trowels, English garden, 7 in.....	.30
Trowels, ordinary.....	.10
Trowels, Cleve's Angle..... 5 in., .15; 7 in., .20; 8 in., .25	
Twine. 2-ply jute, per lb., 10c; 100 lbs., \$9.00.	
3-ply jute, per lb., 10c; 100 lbs., \$9.00.	
4-ply jute, per lb., 10c; 100 lbs., \$9.00.	
3-ply white cotton, per lb., 18c.	
4-ply white cotton, per lb., 22c.	
Flax, warranted free from jute, per lb., 25c.	
No. 1 hemp, 2 and 3-ply, per lb., 12c.	
Baling Twine, per lb., 25c.	
Green Twine, for stringing smilax, ¼ lb. balls, per ball, 25c.	
Marlin. Tarred Cord, used for making straw mats for hot beds, etc.	
2-ply, per lb., 12c; per 100 lbs., \$11.00.	
3-ply, per lb., 12c; per 100 lbs., 11.00.	
Weeding Hook, for hand use.....	.10
Weeding Fork, for hand use.....	.10
Weeders, hand, Lang's.....per doz., \$2.50; each, .25	



Weeders, hand, Hazeltine.....	.25
Weeders, hand, Noyes'.....	.25
Weeders, hand, Combination.....	.25

Save Your Fruit and Growing Plants

From the ravages of noxious insects that destroy your crops.

The Intelligent Use of Spraying Mixture will do it.

A Spray Pump and Nozzle well taken care of will last for a long time, and pay for themselves many times over. We offer a complete line of Spraying Outfits, but limited space will not permit illustrating and describing all of them. A complete catalogue will be mailed upon request.



Fig. 659.



Fig. 689.

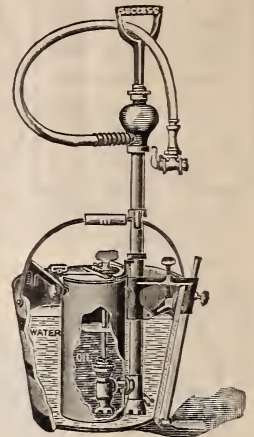


Fig. 649.

THE "SUCCESS" BRASS SPRAY PUMP. Fig. 659.

A new and excellent spray pump for use in gardens, vineyards, greenhouses, orchards, also for spraying poultry houses. Nothing could be simpler and more durable than this pump. The working parts are all brass, and bucket foot-rest is made of malleable iron, has large air chamber and is double-acting, throwing a continuous stream, either solid or fine spray. Price, \$3.75.

THE "PERFECT SUCCESS" BUCKET SPRAY PUMP. Fig. 689.

All brass working parts, and is fitted with improved combination foot rest, bucket clamp and bail holder, which enables the operator to have the pump and bucket clamped together; thus the entire outfit can be carried in one hand. Florists, gardeners, fruit growers and farmers who wish a durable, convenient spray pump at a low cost, can find nothing better. Price, \$4.25.

THE "SUCCESS" KEROSENE SPRAYER. Fig. 649.

This sprayer consists of the Success Bucket Sprayer with a kerosene attachment. The oil tank may be readily removed, and a cap (furnished with each pump) placed on the oil inlet. Can be used in any ordinary bucket. The operation and uses of the Kerosene Sprayers are fully explained in a special circular which will be furnished upon application. Price, \$8.00.

The "Bordeaux" Nozzle, the best combination Spraying Nozzle on earth, is furnished with "Success" Pumps.

A Valuable Book Free. A copy of "Spraying for Profit," a highly illustrated and practical treatise on insects and fungi destructive to plant life, and methods for their extermination, will be sent free with each Sprayer ordered from us.

KNAPSACK SPRAYER.

Made of galvanized iron, that will not rust, holds 6 gallons of liquid. The spray is forced out by simply pressing the rubber bulb.

For applying poisonous liquids, such as Paris green water, etc., on grape vines, trees, bushes, potatoes, garden vegetables, etc. Price, \$2.50.

INSECT DESTROYERS.

Helibore, Pure Powdered White. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than London Purple and Paris Green, and safer to use when fruits or vegetables are nearly ripe. Per lb., 25c.

London Purple. One of the best destroyers for insects. It is less dangerous than Paris Green, but equally efficacious, and more soluble in water. One pound boxes, per box, 25c; five pound boxes, per lb., 20c.

Paris Green, Pure. Valuable for destroying potato bugs. Very poisonous, but invaluable on the farm or garden. Per lb., 25c.

Tobacco Stems. Indispensable for fumigating greenhouses and conservatories. Per lb., 5c; per bale of 50 lbs., \$1.00.



Flour of Tobacco and Sulphur. (Rose Brand.) A valuable insecticide for Plants, Trees, Sheep, Cattle, Dogs, Horses, Poultry and domestic use. It is not poisonous, and has the double advantage of being a fertilizer as well as an insecticide. It will prevent and cure mildew on grape vines and rose bushes; will destroy the green and black fly, grubs, cut worms, lice, and the eggs of insects, mealy bugs and vine bugs of all kinds. It is said to be a sure cure for the green cabbage worm. Small size package, 25c; large size package, 50c; in bulk, per lb., 10c; 10 lbs., 75c. Circulars free.

Slug Shot. (Hammond's.) One of the cheapest and best powders for destroying insects injurious to house and garden plants, shrubs, trees, vines, potatoes, melons, cabbages, currants and vegetables and fruits of all kinds; though poisonous to insects, does not injure the foliage in the least. Per 1 lb. box, 15c; per 5 lb. package, 25c.

Whale Oil Soap. An effectual remedy for destroying and preventing insects on plants, trees, vines, etc., and for washing down the barks of trees, grape vines, etc. In pasteboard boxes, 1/4 lb. box, 5c; 1/2 lb. box, 10c; 1 lb. box, 20c.

Kerosene Emulsion. (Paste.) Kerosene is used against all sucking insects, the most destructive of which are the plant-lice and scale insects. This preparation is an effective insecticide for all sucking insects, ready for use by diluting with water; one quart makes 20 gallons of spray. Per 1 qt. can, 40c.

Bordeaux Mixture. (Liquid.) The mixture we offer is a scientific preparation, chemically pure, and we guarantee it to be better than home-made; by simply adding water and stirring, it is ready for use. Put up in patent non-corrosive cans; one gallon will make 50 gallons by the addition of 49 gallons of water. Per 1 qt. can, 40c; 1 gallon can, \$1.00.

POULTRY FOOD, ETC.



BOWKER'S ANIMAL MEAL FOR FOWLS AND PIGS.

It is not a medicine, but a true egg producing, flesh and bone forming food, and supplies just what laying hens and growing chicks require, and takes the place of all other animal food as well as ground bone or crushed oyster shells. It is prepared from fresh meat and fresh bones carefully selected, dried and ground to a sweet meal. It should never be fed dry or alone, but should be fed in connection with other foods made into a mash. Ask for pamphlet called "The Egg." It is a valuable little book, treating upon the care of poultry. Per lb., 5c; 10 lbs., 40c; 25 lbs., 75c; 100-lb. bag, \$2.50.

PIONEER CLOVER MEAL.

A Perfect Poultry Food. Pioneer Clover Meal is pure clover, ground to a very fine meal, especially prepared for poultry food; the only practical form in which clover hay can be fed to poultry. It forms a perfect substitute for green food. Promotes egg production, and builds up and maintains good health in the flock. It contains all the elements known to be the best for the production of the egg, and that are needed to sustain or develop the body of the fowl. Should be mixed with other foods, in a mash. Special circular free. 10 lbs., 40c; 50-lb. sack, \$1.25; 100-lb. sack, \$2.40.

RUST'S EGG PRODUCER.

Makes fowls vigorous and healthy, shortens the moulting period, prevents and cures leg weakness, etc., and is just what is needed to make poultry keeping profitable. Hens must lay when you feed with it.

1 lb. box, 25c; if sent by mail, 44c. 2½ lb. box, 50c; if sent by mail, 94c.
6 lb. box, \$1.00; 10 lb. box, \$1.50; 25 lb. box, \$3.50. These three sizes are too large for mailing, but can be sent by express or freight.



RUST'S HAVENS' CLIMAX CONDITION POWDER.

An invaluable cure for gapes, fowl cholera and other diseases of poultry, and equally good for all kinds of stock.

13 oz. box, 25c; if sent by mail, 40c. 32 oz. box, 50c; if sent by mail, 85c.

5 lb. box, \$1.00; 8 lb. box, \$1.50; 20 lb. box, \$3.50. These three sizes are too large for mailing, but can be sent by express or freight.



RUST'S HAVENS' ROUP PILLS.

Harmless and effective; the best remedy ever discovered for Roup, Catarrh, Colds, etc.

Box of 50 Pills.....25 cts.
Box of 250 Pills..... \$1.00
Mailed on receipt of price.



CRUSHED OYSTER SHELLS.

One of the most important articles for the poultry yard through the winter and should be liberally supplied to fowls to supply lime. It is a substitute for bone, being cheaper. Per lb., 2c; 10 lbs., 15c; 25 lbs., 30c; sack of 100 lbs., 75c.

GRANULATED BONE.

Is about the size of wheat or cracked corn, and can be fed like any other food in grain. About one handful for every five fowls daily. It furnishes a valuable food for poultry at all seasons of the year. Per lb., 5c; 10 lbs., 40c; 50 lbs., \$1.50; sack of 100 lbs., \$2.75.

MANN'S GRANITE CRYSTAL GRIT.

Every poultryman knows the value of grit for poultry. Granite Crystal Grit is the sharpest and hardest grit known. It is free from dust, lasts longer and is more economical than any other grit. Oyster shells are not needed when Granite Crystal Grit is used. The chemical analysis shows mineral qualities of iron, silica, aluminum, mica, etc., which provide a health-giving tonic. Put up in 100-lb. bags. Three sizes: X for brooders and pigeons; XX for chickens; XXX for hens, ducks and turkeys. Per lb., 3c; 10 lbs., 20c; 25 lbs., 40c; per sack, \$1.00.

Valuable Pamphlet on Poultry Keeping and our Price List of Poultry and Pigeon Foods mailed free.

STANDARD FLOWER POTS.

Size.	Each.	Per doz.	Per 100.	Per 1000.	Size.	Each.	Per doz.	Per 100.	Per 1000.
2 inch.....	\$0.01.....	\$0.09.....	\$0.55.....	\$ 4.50	7 inch.....	\$0.08.....	\$0.85.....	\$ 5.00.....	\$ 38.00
2½ ".....	.01.....	.11.....	.70.....	5.00	8 ".....	.12.....	1.15.....	7.00.....	60.00
3 ".....	.02.....	.12.....	.80.....	6.50	9 ".....	.16.....	1.75.....	11.00.....	90.00
4 ".....	.03.....	.25.....	1.20.....	10.00	10 ".....	.20.....	2.00.....	14.00.....	120.00
5 ".....	.04.....	.35.....	2.50.....	18.00	11 ".....	.25.....	2.50.....	17.50.....	150.00
6 ".....	.06.....	.55.....	3.50.....	25.00	12 ".....	.25.....	2.75.....	20.00.....	180.00

POT STANDS OR SAUCERS.

Size.	Each.	Per doz.	Per 100.	Size.	Each.	Per doz.	Per 100.
4 inch.....	\$0.02.....	\$0.20.....	\$0.80	9 inch.....	\$0.05.....	\$0.50.....	\$3.60
5 ".....	.03.....	.25.....	1.15	10 ".....	.06.....	.60.....	4.50
6 ".....	.04.....	.30.....	1.75	11 ".....	.08.....	.75.....	5.50
7 ".....	.04.....	.35.....	2.25	12 ".....	.10.....	1.00.....	7.00
8 ".....	.05.....	.40.....	2.60				

Pots and saucers are of white color, except two inch to four inch pots, which are dark red.

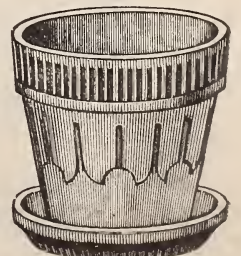
PAINTED POTS AND SAUCERS.

These are fancy pots and saucers beautifully painted. They are very ornamental, and prices are nearly as low as those of plain goods. These prices are for pots with saucers.

Size.	Each.	Per doz.	Per 100.	Size.	Each.	Per doz.	Per 100.
4 inch.....	\$0.07.....	\$0.60.....	\$3.40	8 inch.....	\$0.18.....	\$1.75.....	\$11.50
5 ".....	.08.....	.75.....	5.50	9 ".....	.25.....	2.50.....	16.00
6 ".....	.10.....	1.00.....	6.50	10 ".....	.30.....	3.00.....	20.00
7 ".....	.15.....	1.40.....	8.25				

250 at 1000 rate. 25 at 100 rate. ½ dozen at dozen rate.

We have a large stock of Flower Pots, all sizes, constantly on hand, and will quote special wholesale prices on large quantities, to Florists and Dealers.



VALUABLE TABLES.

Quantity of Seed requisite to produce a given number of plants and sow an acre of ground.

	Quantity per acre.		Quantity per acre.
Artichoke, 1 oz. to 500 plants	1/2 lb.	Hemp	1/2 bu.
Asparagus, 1 oz. to 200 plants	5 lbs.	Kale, 1 oz. to 3,000 plants	2 lbs.
Barley	2 1/2 bu.	Kohl, Rabi, 1 oz. to 300 feet of drill	1 1/2 lbs.
Beans, dwarf, 1 qt. to 150 ft. of drill	1 1/4 bu.	Leek, 1 oz. to 250 feet of drill	4 lbs.
Beans, pole, 1 quart to 200 hills	1/2 bu.	Lettuce, 1 oz. to 250 feet of drill	3 lbs.
Beet, garden, 1 oz. to 100 feet of drill	10 lbs.	Martynia, 1 oz. to 50 feet of drill	10 lbs.
Beet, Mangel, 1 oz. to 150 feet of drill	6 lbs.	Melon, Musk, 1 oz. to 100 hills	2 lbs.
Brocoli, 1 oz. to 3,000 plants	5 oz.	" Water, 1 oz. to 25 hills	3 lbs.
Broom Corn	10 lbs.	Nasturtium, 1 oz. to 50 feet of drill	10 lbs.
Brussels Sprouts, 1 oz. to 3,000 plants	5 oz.	Oats	2 1/2 bu.
Buckwheat	1/2 bu.	Okra, 1 oz. to 50 feet of drill	10 lbs.
Cabbage, 1 oz. to 3,000 plants	5 oz.	Onion Seed, 1 oz. to 200 feet of drill	4 to 5 lbs.
Carrot, 1 oz. to 150 of drill	3 lbs.	" for Sets	30 to 50 lbs.
Cauliflower, 1 oz. to 3,000 plants	5 oz.	Onion Sets, 1 quart to 20 feet of drill	8 bu.
Celery, 1 oz. to 10,000 plants	4 oz.	Parsnip, 1 oz. to 250 feet of drill	5 lbs.
Clover, Alsike and White Dutch	8 lbs.	Parsley, 1 oz. to 250 feet of drill	8 lbs.
" Lucerne, Large Red and Crimson Trefoil	8 lbs.	Peas, garden, 1 quart to 150 feet of drill	2 bu.
" Medium	10 lbs.	" field	2 1/2 bu.
Collards, 1 oz. to 2,500 plants	6 oz.	Pepper, 1 oz. to 1,500 plants	4 oz.
Corn, sweet, 1 quart to 500 hills	8 qts.	Potatoes	6 bu.
Cress, 1 oz. to 150 feet of drill	8 lbs.	Pumpkin, 1 quart to 300 hills	4 qts.
Cucumber, 1 oz. to 80 hills	1 1/4 lbs.	Radish, 1 oz. to 150 feet of drill	8 lbs.
Egg plant, 1 oz. to 2,000 plants	8 oz.	Rye	1 1/2 bu.
Endive, 1 oz. to 300 feet of drill	3 lbs.	Salsify, 1 oz. to 60 feet of drill	8 lbs.
Flax, broadcast	1/2 bu.	Spinach, 1 oz. to 150 feet of drill	10 lbs.
Garlic, bulbs, 1 lb. to 10 feet of drill	2 1/2 lbs.	Summer Savory, 1 oz. to 500 feet of drill	2 lbs.
Gourd, 1 oz. to 25 hills	2 1/2 lbs.	Squash, Summer, 1 oz. to 40 hills	2 lbs.
Grass, Blue, Kentucky	2 1/2 bu.	" Winter, 1 oz. to 10 hills	3 lbs.
" Blue, English	2 1/2 bu.	Tomato, 1 oz. to 3,000 plants	3 oz.
" Hungarian and Millet	1 1/2 bu.	Tobacco, 1 oz. to 5,000 plants	2 oz.
" Mixed Lawn, 1 lb. to 600 sq. ft.	3 to 5 bu.	Turnip, 1 oz. to 250 feet of drill	1 1/2 lbs.
" Orchard, Perennial Rye, Red Top,	2 bu.	Vetches	2 bu.
" Fowl Meadow and Wood Meadow	2 bu.	Wheat	1 to 2 bu.
" Timothy	1/4 bu.		

Number of Plants or Trees to the Acre at given distances.

Dis. apart.	No. Plants.	Dis. apart.	No. Plants.
1/2 foot	174,240	6 feet	1,210
1 "	43,560	7 "	889
1 1/2 feet	19,360	8 "	680
2 "	10,890	9 "	573
2 1/2 "	6,969	10 "	435
3 feet by 1 foot	14,520	11 "	360
3 " 2 feet	7,260	12 "	302
3 " 3 "	4,840	15 "	193
4 " 1 foot	10,888	18 "	134
4 " 2 feet	5,444	20 "	108
4 " 3 "	3,629	25 "	69
4 " 4 "	2,722	30 "	49
5 " 5 "	1,742		

Weights of Various Articles in the State of Ohio.

Apples	per bu. 48 lbs.	Peaches	per bu. 48 lbs.
" dried	22 "	Peas	60 "
Barley	48 "	Plastering Hair	8 "
Beans	60 "	Popcorn	40 "
Buckwheat	50 "	Rape	50 "
Broom Corn	46 "	Rye	56 "
Blue Grass, Kentucky	14 "	Red Top Seed	14 "
" English	24 "	Salt, coarse	56 "
Bran	20 "	" Michigan	56 "
Canary Seed	60 "	Sweet Potatoes	50 "
Castor Beans	46 "	Timothy Seed	45 "
Clover Seed	60 "	Tomatoes	56 "
Corn, shelled	56 "	Turnips	60 "
" on ear	68 "	Wheat	60 "
Corn Meal	50 "	Beef and Pork per bbl., net	200 "
Charcoal	22 "	Flour, per bbl., net	196 "
Coal, Mineral	80 "	White Fish and Trout, per bbl. net	200 "
Coal, Cannel	70 "	Salt, per bbl.	280 "
Coke	40 "	Lime, per bushel	70 "
Cranberries	40 "	Hay, well settled, per cubic foot	4 1/2 "
Dried Peaches	32 "	Corn, on cob, in bin,	22 "
Flax Seed	56 "	Corn, shelled,	45 "
Hemp Seed	44 "	Wheat,	48 "
*Hungarian Grass Seed	40 "	Oats,	25 1/2 "
Irish Potatoes, heaping measure	60 "	Potatoes,	38 1/2 "
Millet	50 "	Sand, dry,	95 "
Malt	34 "	Clay, compact,	135 "
Oats	32 "	Marble,	169 "
Osage Orange	33 "	Seasoned Beech Wood, per cord..	5,616 "
Orchard Grass	14 "	" Hickory,	6,960 "
Onions	50 "		

*In Chicago and all the other large seed markets of the country Hungarian is sold at 48 lbs. per bushel, so we are compelled to conform, and we buy and sell 48 lbs per bushel.

VEGETABLE PLANTS AND ROOTS.

We grow large quantities of Vegetable Plants and Roots, and can supply any listed below, in their proper season.

Asparagus Roots, Cabbage Plants,	Cauliflower Plants, Celery Plants,	Horse Radish Sets, Lettuce Plants,	Rhubarb Roots, Tomato Plants.
-------------------------------------	---------------------------------------	---------------------------------------	----------------------------------

Prices given upon application.

Choice Mixed Lawn Grass Seed.

This Mixture is composed of Fine Grasses, less expensive than those used in our "Fine Mixed." It is well suited for various soil conditions, and will give good results. Valuable for use on embankments, terraces and exposed lawns; also for renovating old worn out lawns, and reseeding bare places which appear during the summer. **Price per lb., 20c.; per bu. (14 lbs.), \$2.00.**

SPECIAL GRASS MIXTURES.

FOR "SHADY PLACES."

Especially prepared for light soils and partially shaded situations, where it is difficult to produce good sod. Price per lb., 30c.; five pounds or over at 25c. per lb.

Special prices on large quantities.

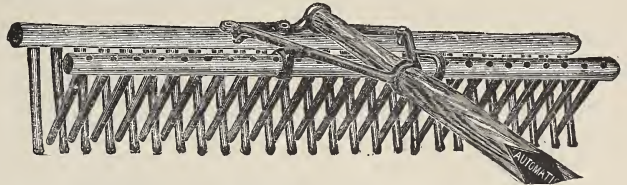
FOR "GOLF LINKS."

This is a special mixture of fine grasses that will make a close, green, firm and lasting turf, which will stand the wear and tear and at the same time present a fine sward. Price per lb., 30c.; per bu. (20 lbs.), \$3.50.

If by mail add 8c. per pound for postage.

AUTOMATIC SELF-CLEANING LAWN RAKE.

22 Teeth 60c.; 26 teeth, 75c.



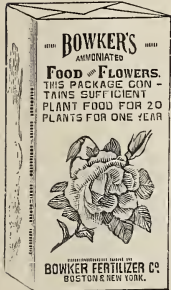
Bowker's Ammoniated Food for Flowers.

The Original and Most Concentrated HOUSE PLANT FOOD Manufactured in this Country.

A fertilizer made from chemicals and prepared especially for plants grown in the house, garden or conservatory. It is clean, free from odor, harmless to use, largely soluble in water, and produces healthy plants, free from vermin, and early abundant blossoms, to which it imparts a rich and brilliant color. Will keep any length of time. It is used by thousands of housekeepers and florists all over the country.

Prof. Maynard's little book, "Window Gardening," free with every package.

Prices. Small size package, containing sufficient plant food for twenty plants for three months, 15c. Large size package, containing sufficient plant food for twenty plants for one year, 25c. Full directions with every package.



"JADOO" Fibre.

A New Growing Substance
In which Every Plant Thrives
Without Earth.

TRADE-MARK



Protected by Letters Patent.

"JADOO" Liquid.

Both Meat and Drink
to Plants of all Kinds.

REGISTERED.

It was invented by Col. Thompson of the Royal Army and Fellow of the Royal Horticultural Society of England, and it is highly recommended by gardening authorities there. It suits all kinds of plants, is only half as heavy as earth and cleaner to handle; requires no soil to mix with it, and no manure. It increases the size and brilliancy of flowers. Seeds germinate, and cuttings root in it, quicker than in earth. Owing to its spongy nature, it retains water much longer than earth. Plants transplanted in Jadoo Fibre do not flag, even if in full bloom.

Reinvigorates drooping plants, and increases the size and profusion of bloom. It can be used on plants that are grown in earth or in Jadoo Fibre.

Price of Jadoo Fibre.

4 lb. box	25c.
10 lbs.	50c.
25 lbs.	\$1.00
Per bag of 125 lbs.	\$3.00
Per ton	\$30.00

Price of Jadoo Liquid.

Pint bottle	25c.
2 gallon can	\$1.50
5 gallon can	\$3.50

BOOKS ON AGRICULTURE, ETC.

Gardening for Profit. By Peter Henderson. Written particularly for the market gardener and truck farmer, yet of equal value for large private gardens. New edition, entirely rewritten, and greatly enlarged, 375 pages. Cloth, fully illustrated, price, postpaid, \$2.00.

"Vegetables for the Home Garden." A recent publication compiled and issued by W. Atlee Burpee & Co. It is indispensable to the beginner and useful even to the professional gardener. It is brief, clear and reliable. Contains concise cultural directions for all our common garden vegetables, gives the latest and best methods of planting, cultivation, varieties, etc. Paper, 125 pages, price, postpaid, 10c.

"Flowers for Every Home." Tells how to grow flowers successfully indoors and out. Fully illustrated; price, postpaid, 10c.

"Sweet Peas up to Date." An interesting and instructive book on the culture of Sweet Peas. Price, postpaid, 10c.

Bulb Culture. By Peter Henderson. Gives descriptions of bulbs, alphabetically arranged, with special cultural instructions for each; paper, 24 pages. Price, postpaid, 25c.

Spraying for Profit. A practical hand-book of the best methods for suppressing the more common injurious insects and fungous diseases. Contains a list of materials and formulas used in spraying, spray pumps and outfits, and directions for spraying of cultivated plants. Paper, 72 pages, price, postpaid, 15c.



CLEMATIS JACKMANII.